Auburn University
Samuel Ginn College of Engineering
Engineering Continuing Education and the Department of Civil Engineering present the

Fifty-Second Annual Transportation Conference
February 2-3, 2009

Sponsored by:
Alabama Department of Transportation
Federal Highway Administration
Auburn University
Alabama Road Builders Association
Alabama Asphalt Pavement Association
Alabama Concrete Industries Association
Association of County Engineers of Alabama
Institute of Transportation Engineers, Alabama Section
Alabama Concrete Pipe Association
American Council of Engineering Companies of Alabama
American Concrete Pavement Association, Southeast Chapter
Bridge Construction Association of Alabama
ASCE, Alabama Section

About the Conference
Auburn’s Civil Engineering Department and the Program Committee have designed the Fifty-Second 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 with discussion-oriented workshops 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 Renaissance Montgomery Hotel & Spa at The Convention Center, located at 201 Tallapoosa Street, Montgomery, Alabama.

Final registration and check-in will be held from 8:00 a.m. to 10:00 a.m. in the Main Lobby on Monday, February 2, 2009. The Opening General Session begins at 10:00 a.m. in Exhibit Hall C. The conference will adjourn Tuesday afternoon, February 3, 2009.

Registration and Fee
All persons attending the conference must register. The registration fee of $150 includes all sessions, program materials, refreshment breaks, and luncheons. Additional luncheon tickets are available at the registration desk. Student and ALDOT RETIREE 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. A block of rooms have been reserved at the conference hotel.
2009 Conference Outline

Monday, February 2, 2009

8:00 am  Registration—Main Lobby
10:00 am  Opening General Session—Exhibit Hall C

Presiding:  Dr. Frazier Parker, Department of Civil Engineering, Auburn University
Opening Remarks
Reauthorization for Transportation Funding
Mr. John Horsley, Executive Director, AASHTO, Washington, D. C.
The State of the Economy and RSA
Dr. David Bronner, Chief Executive Officer, The Retirement Systems of Alabama, Montgomery, AL

12:00 noon  Governor's Luncheon—Exhibit Hall B
The Honorable Bob Riley
Governor State of Alabama

1:30 pm  Concurrent Technical Sessions
3:00 pm  Break
3:30 pm  Concurrent Technical Sessions
5:00 pm  Adjourn

Tuesday February 3, 2009

8:30 am  Concurrent Technical Sessions
10:00 am  Break
10:30 am  Concurrent Technical Sessions

12:00 noon  Highway Director's Luncheon—Exhibit Hall B
Mr. Joe McInnes, Director
Alabama Department of Transportation

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

1:30 pm  Adjourn

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 conference 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.
Technical Sessions– Monday, February 2, 2009

Concrete

Meeting Room: Exhibit Hall A

Presiding: Robert Taylor, Alabama Director, ACPA SE-Chapter, Montgomery, AL

1:30 p.m. Use of Soil-Cement and Roller-Compacted Concrete at the State Docks
Will Gray, A. G. Peltz Group, Birmingham, AL

2:00 p.m. Full-Depth Pavement Reclamation with Cement
Kimbel Stokes, The Miller Group, Inc., Morrow, GA

2:30 p.m. Incompatibility of Concrete Materials: Causes and Effects, and Avoidance
Wayne Wilson, Holcim (US) Inc., Duluth, GA

Transportation Improvements

Meeting Room: Exhibit Hall C

Presiding: Doug Peterson, President, Alabama Section, Institute of Transportation Engineers
Birmingham, AL

1:30 p.m. Getting Ahead of the Curve with Access Management
Becky White and Scott Cothron, Sain Associates, Inc. Birmingham, AL

2:00 p.m. Corridor Improvement through Access Management and Signalization
Tim Barnett and Mike Griffin, ALDOT, Dothan, AL

2:30 p.m. ALDOT ITS Update
Gary Moore, Design Bureau, ALDOT, Montgomery, AL

3:30 to 5:00 p.m.

Geotechnical Engineering

Meeting Room: Exhibit Hall A

Presiding: Larry Lockett, Materials and Tests Engineer, ALDOT, Montgomery, AL

3:30 p.m. Construction Drilled Shafts with SCC
Anton Schindler, Civil Engineering Department, Auburn University, Auburn, AL

4:00 p.m. Slope Stabilization with Wick Drains and the Platipus Anchor System
Marcel Scheeff, Tuscaloosa Testing Laboratory, Tuscaloosa, AL

4:30 p.m. Lime Stabilization of US98 Subgrade
Matt Ericksen, ALDOT, Mobile, AL

Infrastructure

Meeting Room: Exhibit Hall C

Presiding: Wayne Sullivan, Jefferson County Engineer and President, Association of County Engineers of Alabama, Birmingham, AL

3:30 p.m. I-85 Widening in Coweta, Troup and Meriwether Counties
Jeremy Daniel, GDOT, Thomaston, GA and Donald Cowan, Archer Western Contractors, Cumming, GA

4:00 p.m. An Overview of ThyssenKrupp Steel and Stainless, USA
Scott Posey, ThyssenKrupp Steel USA, Calvert, AL

4:30 p.m. Analysis of the Risk of Flooding of the I-10 Tunnel by Storm Surge
Scott L. Douglass, Department of Civil Engineering, University of South Alabama, Mobile, AL

Planning and Policy

Meeting Room: Exhibit Hall C

Presiding: Don Arkle, Assistant Chief Engineer, Policy & Planning, ALDOT, Montgomery, AL

8:30 a.m. Development of a Statewide Freight Planning Framework
Michael D. Anderson, University of Alabama-Huntsville, Huntsville, AL

9:30 a.m. VDOT’s Lessons Learned and Successes with Public-Private Partnerships
Thomas W. Pelnik, III, Virginia Department of Transportation, Richmond, VA

8:30 to 10:00 a.m.
February 3, 2009

10:30 am to 12:00 noon

Bridges

Meeting Room: Exhibit Hall A

Presiding: John F. (Buddy) Black, Bridge Engineer, ALDOT, Montgomery, AL

10:30 a.m. Implementation of Pontis as the ALDOT Bridge Management System
George H. Conner, ALDOT, Montgomery, AL

11:00 a.m. ALDOT’s Response to the I-35W Collapse
Eric Christie and Randall Mullins, ALDOT, Montgomery, AL

11:30 a.m. I-35W Bridge Replacement
Linda Figg, Figg, Tallahassee, FL

Asphalt

Meeting Room: Exhibit Hall C

Presiding: Mell Monk, Executive Director, Alabama Asphalt Pavement Association, Montgomery, AL

10:30 a.m. Findings from the 2006 NCAT Test Track
Buzz Powell, National Center for Asphalt Technology, Auburn University, Auburn, AL

11:00 a.m. Recycling with HMA
Randy Mountcastle, ALDOT, Montgomery, AL

11:30 a.m. Flexible Pavement Bond Strength
Nam Tran, National Center for Asphalt Technology, Auburn University, Auburn, AL

PARKING

The Renaissance Montgomery Hotel and Spa at the Convention Center occupies the entire block bordered by Tallapoosa Street (front), Commerce Street, Moulton Street and Bibb Street. Parking deck entrance is from the Bibb Street side of the hotel. There are 600 parking places (including valet). Parking deck entrances are into the Hotel Second Floor and the Convention Center first and second floor. The elevators are different and marked.

Rates:
- Self Parking: 0-30 min. Free; Up to 2 hrs - $3.00; 2 to 6 hours $6.00; 6 to 10 hours $10.00; Overnight $10.00
- Valet Parking: 0 to 10 hours $10.00; Overnight $16.00

1. MATS Parking Deck
   Located at the corner of Moulton and Bell Street.
   Hours & Rates:
   - Monday-Friday 6:30 a.m. to 6:00 p.m. - $1.00 per hour
   - Monday-Friday 6:00 p.m. to 6:30 a.m. - no charge
   - Friday 6:00 p.m. to Monday 6:30 p.m. (Weekends) – no charge
   - MATS (Montgomery Area Transportation System) 334-241-2203

2. Biscuits / Riverwalk Stadium Parking
   Open daily with no attendant and no charge
   Game Days: $4.00
   Operated by the Montgomery Kiwanis Club (334-834-7929)

3. Park-ette Parking Area 334-265-7215
   Located across Bibb Street between Lee and Commerce.
   Private Parking during the week
   Free Parking after 6:00 pm Friday through 6:00 pm Sunday
   Please note: the permit only lot behind/southeast of this lot is not available without a permit 24 hours per day, seven days a week.

4. Embassy Suites Hotel
   Located across Tallapoosa Street from the Renaissance Hotel.
   Rates: $5.00 per day
   Parking charges apply based on demand.

5. Montgomery Chamber of Commerce Visitors Bureau
   Located off Water Street under the train station.
   Monday – Friday 6:00 a.m. to 5:00 p.m. parking with a permit only.
   No charge to park Evenings and weekends

6. Commerce Street / Tallapoosa Street Lot
   Located across from the front entrance to the hotel at the Northwest corner of Tallapoosa and Commerce Streets.
   Monday – Friday 6:00 a.m. to 5:00 p.m. parking with a permit only.
   No charge to park Evenings and weekends

Street Parking:
- Metered Parking Spaces:
  Meters apply Monday through Friday from 8 a.m. to 6:00 p.m.
  No charge for Evenings, Weekends and Holidays
- Non-Metered Parking Spaces
  Non-metered diagonal spaces and median spaces (on Commerce Street between Tallapoosa and Montgomery Streets)
  No restrictions or charges for parking at this time.

Please Note: The parking information above is current as of June, 2008. Due to the rapidly developing renovation projects throughout Downtown Montgomery, there may be changes to this information that is beyond our control.

Fifty-Second Annual Transportation Conference
Renaissance Montgomery Hotel and Spa at the Convention Center
February 2-3, 2009
February 3, 2009
www.engce.auburn.edu

Name____________________________________________________________ Last 4 digits of SS#______________________________________________
Please print or type; register one person per form; photocopy if more forms are needed.
Employer_________________________________________________________ Position _______________________________________________________
DOT Division/Bureau_______________________________________________ Zip+4

Registration Fee: $150.00     Student and ALDOT Retiree Registration Fee: $25.00
Payment by: □ Check (Payable to Auburn University) □ Gov't Agency Purchase Order # ____________________________
□ Visa □ MasterCard □ Money Order
□ Credit Card #______________________________________________________ Exp. Date_____________________Cardholder's Name____________________________________Signature ____________________________________________

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