The first annual District 5 meeting was held in Lexington, Kentucky, April 22nd-April 26th. The technical program, chaired by Dan Turner, was outstanding; both entertaining and educational. A brief summary of the election & awards follows:

District 5 Secretary
/Treasurer Elect - Richard Atkins

Outstanding Section Award - Georgia

Outstanding Student Chapter Award - N.C. State, Charlotte

Marble J. Hensley Award - Howard Chapman

Herman J. Hoose Award - Richard Atkins

I commend and congratulate the award winners for a job well done. I will strive to improve and enhance my ITE activities this year and challenge each of you to do the same. Only hard work will return the Alabama Section to the winners circle.

Highlights of the business meeting were District 5 President Darrell Skipper's call for increased technical activities by the Section, and International Director Joe Thomas' call for development of a Speakers Bureau in every Section. We must get out to other organizations and the public that we are here, ready to meet today's challenges and preparing for the future. We must present the transportation engineering profession as a challenging career opportunity to prospective engineering students. The Alabama Section Board of Directors welcomes your comments and suggestions on these topics. Pick up the phone and give one of us a call.

I am looking forward to seeing all of you in Gulf Shores. Make plans now for the Annual meeting June 15th and 16th.

Sincerely,

David Griffin

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AFFILIATE NEWS

CONGRATULATIONS to affiliate member Thomas Y. Wheeler on his recent promotion. Tommy is a veteran State Highway Department employee, having worked several years in the Interstate Bureau and later in the Design Bureau in the Central Office, Montgomery. Mr. Wheeler is a Professional Civil Engineer and was recently promoted from PCE I to a PCE II and is now working in the Office Engineer's Office in Montgomery.

CONTINUED ON PAGE 2
CONGRATULATIONS to affiliate member Richard "Rick" E. Mook and his wife, Sandy, proud parents of Shelby Renea; born 3/19/89; weighing 7 lbs., 14-1/2 ozs. Rick is a Civil Engineer I with the State Highway Department and works in the Traffic Engineering Section of the Design Bureau in Montgomery.

We also think Rick should receive recognition for being mentioned in Dr. Dan Turner's and Mr. Cecil Colson's article in the October 1988 AASHTO, issued in regard to Alabama's Accident Investigation Program. Just to be mentioned by, and associated with, these two fine, outstanding gentlemen must be something to behold! (I don't really know what there is to behold, but they do have something ... and it may be catching.)

- by Dewitt Williams

CALL FOR PAPERS

SHARE YOUR EXPERIENCES AND KNOWLEDGE

SUBMIT A PAPER FOR PUBLICATION IN THE ITE JOURNAL

To submit an article for ITE Journal, send the original manuscript, plus three complete photocopies (including photocopies of any figures and photos), to the editor, Kathryn Harrington-Hughes, at ITE, 525 School Street, S.W., Suite 410, Washington, D.C. 20024-2729 USA. The manuscript should be double spaced on one-side only of 8.5 x 11-inch paper, and should be no longer than 12 pages, including tables, figures and art work. Send any original figures and photographs with the manuscript, and include copies of them in the manuscript photocopies. Also include a brief biographical sketch (2-3 sentences) for each author and a short abstract (one double-spaced page, maximum) describing the contents of your paper. The manuscripts must be your original work and not published or under consideration for publication elsewhere.

For more detailed information about submitting a paper to ITE Journal, ask for our "Information for Authors" brochure; call 202/554-8050.

SCHOLARSHIP REPORT

Seven scholarship applications have been received and are being reviewed by the Scholarship Committee. This year we will award our 4th scholarship to a deserving student. Cecil Jones and I are making contacts to encourage other individuals and corporations to support the Alabama Section's efforts in this worthy cause.

To make an individual contribution, please make your check payable to: ITE Scholarship Fund, making sure to designate the Alabama Section. Many members make annual contributions that range from $25.00 to $100.00, however, any amount will be appreciated. Please mail your contributions to me at the address listed below.

Now is the time to begin preparation for our annual Scholarship Auction. This year we will have the Deep South members as potential buyers of our donated items. With this new market we may be able to move some of our slow merchandise. So bring your items of interest to Gulf Shores and enjoy yourself while we raise money for the cause.

- by Rodney L. Long

Rodney Long
Scholarship Chairman
3500 Blue Lake Drive
Suite 499
Birmingham, Alabama 35243

FROM THE EDITOR

It has been a pleasure to work with many of the Alabama Section Members this year in publishing the newsletter. I want to especially thank the Alabama Section Board Members (David Griffin, Don Arkle, Harold Raynor and Rod Long); contributing writers Dewitt Williams and Bob Vecellio; and Gorove/Slade staff members Bonnie, Piper, Bernard, Becky and Shellie for their assistance. Also, special thanks to all of the 1988-89 Newsletter advertisers who made it possible to upgrade the format of the Alabama Section Newsletter.
THURSDAY, JUNE 15
8:00 - 11:00  Registration
9:00 - 9:45  Coffee
9:45  Welcome

TECHNICAL SESSION I
10:00 - 10:45  "Traffic Operations During Airport Construction", Denis Finigan, Urban Systems, Inc., New Orleans, Louisiana
10:45 - 11:30  "Bibliography On Positive Mental Attitude", Steve Strength, Louisiana DOT
11:30 - 1:00  Lunch (On Your Own)

TECHNICAL SESSION II
1:00 - 1:30  "Traffic Engineering Certification Issues", Doug Robert, Jefferson Parish, Louisiana
1:30 - 2:00  "Overheight Vehicle Detection Systems in Mississippi", Craig Hanchey, Neel-Schaffer, Inc., Jackson, Mississippi
2:00 - 2:30  Break

TECHNICAL SESSION III
2:30 - 3:00  "Highway Sight Distance Design Issues", Dr. Dan Turner, University of Alabama
3:00 - 3:30  "New MUTCD and AASHTO Roadside Design Guide", Terry Woodworth, Federal Highway Administration, Region 4, Atlanta, Georgia
6:00 - 6:30  Fellowship
6:30 - 8:00  Banquet
8:00 - 10:00  Auction

FRIDAY, JUNE 16

TECHNICAL SESSION IV
8:00 - 9:30  Breakfast & Business Meeting
9:30 - 10:00  "Career Guidance in Transportation Engineering", Joe Thomas, District 5 Director, ITE
10:00 - 10:30  "Engineers Involvement in Governmental Affairs", Perry Hand, Secretary of State, Alabama
The 1989 Spring Meeting of the Alabama Section Institute of Transportation Engineers was held on March 23, 1989 at the Von Braun Civic Center in Huntsville, Alabama. The meeting consisted of a morning Technical Session, a Luncheon, a Special Business Meeting and a Technical Field Trip.

PROGRAM & MEETING ARRANGEMENTS
Don T. Arkle, Michael E. Mahone & Blake Temple

AGENDA
Registration: Karen L. Ramsey
Technical Session: Blake Temple - Presiding
International ITE Issues James Kell
Huntsville’s Forthcoming Transit Program Richard P. Kramer
Break
Huntsville/Madison County Multi-Modal Facility Blair Conrad
Intergraph’s CADD System Randy Tardy
Luncheon
Business Meeting
Technical Tour
Huntsville Utilities’ Intergraph System

ATTENDANCE (Roster Attached)
45 Members & Affiliates; 7 Guest; and 3 Speakers; Total = 55.

FINANCIAL
Receipts:
Registration Fees (52 @ $20.00) $1,040.00
Disbursements:
Break & Luncheon Expenses $ 432.25
Audio/Visual Equipment and Room Rental 275.00
Postage/Printing Meeting Notices 79.98
Scholarship Fund 260.00
Net Meeting Loss $ 7.23

BUSINESS MEETING

1) CALL TO ORDER:

The Business Meeting was called to order by President David Griffin at 12:47 p.m. President Griffin extended his appreciation to the Local Arrangements Committee for their efforts in planning the Spring Meeting.

2) MINUTES:

President Griffin called for any corrections/additions to the Minutes of the March 6, 1988 Fall Meeting, as published in the March 1989 Newsletter, and noted three (3) typographical errors which are not in the Official Minutes. There being none, Jerry Reeves made a motion, seconded by Joe Hoehn, to accept the Minutes as noted. The motion was adopted unanimously by voice vote.

3) SECRETARY/TREASURER’S REPORT:

The Secretary/Treasurer’s Report was presented by Harold Raynor detailing the expenditures and receipts since the Fall Meeting. It was reported that the current treasury balance was $2,578.14. He also reported on Membership activities since the Fall Meeting noting the admission of fifteen (15) Affiliates and the resignation/expulsion of four (4) Affiliates. The resulting current Membership was reported to be 67 Members and 135 Affiliates for a total Membership of 202. A copy of the detailed report is attached and made a part of these Minutes.

Harold Raynor introduced two new members who were in attendance, David M. (Mike) Godwin (A) and John L. Strickland (A) and listed the other Membership Applications approved by the Board of Directors since the Fall Meeting.

A motion was made by Bob Wolfe, seconded by Nancy Hudson, to accept the Secretary/Treasurer’s Report as presented. The motion was approved unanimously by voice vote.

4) COMMITTEE REPORTS:

Legislative - It was reported by Chairman Don Arkle that on January 24, 1989 he and Dan Turner attended the National ITE Legislative Committee Meeting in Washington, DC. The following items were discussed/reviewed:

- Future activities related to ITE’s position on the Federal Aid Surface Transportation Programs and the September 1988 “Draft Position Paper”. As a result of the Section’s efforts, it was noted that “Rural America’s” needs would be addressed in ITE’s Position Paper.

- Background information was provided on new DOT Secretary, Samuel Skinner.

- Additional gas tax to reduce federal deficit does not appear likely this Session.

Chairman Arkle also reported that in Alabama, the “Statute of Limitations Bill for Engineers” has been reported out of Committee in the Senate and has been placed on the Calendar. JECAL has met with the Trial Lawyers, but no compromise as of this time.

Meeting Arrangements, Program and Site Selection - It was reported by Chairman Don Arkle that the Annual Meeting of the Section is scheduled for June 15-16, 1989 in Gulf Shores at the Quality Inn-Beach Side, and it will be a joint meeting with the Deep South Section. Gary Dennis will be responsible for the arrangements and the planning is being finalized.

Chairman Arkle noted that the Board of Directors was considering a format change in the Annual Meeting Program. This was prompted by the inconvenience associated with the mid-morning check out policy of resort motels. It is proposed by the Board that registration begin at 8:00 a.m. and the first Technical Session start at 10:00 a.m. on June 15th; and that on June 16th a Breakfast/Business Meeting be held in lieu of a Luncheon. Technical Sessions would follow the Business Meeting with adjournment around 11:00 a.m. Chairman Arkle called for comments from the floor on the proposed changes. Following brief remarks by some members, Chairman Arkle announced that since it appeared generally agreeable with the membership, the Board would likely implement the proposed format changes.
Scholarship - Chairman Rod Long reported that based on information recently obtained from ITE, it is estimated that the Scholarship Fund balance is approximately $11,200. He stated that Jerry Reeves indicated there was a possibility of two (2) additional large corporate contributions in the near future. Also, he noted the need to examine the merits of increasing the current $1,000 award to perhaps $1,500 in view of increasing educational costs.

Chairman Long indicated that he and Cecil Jones would begin a telephone campaign in the coming weeks to solicit additional contributions. He reported that the Board Members had continued to support the Fund with individual contributions and called upon the membership at large to also make individual contributions.

Awards - Chairman Rod Long announced that the deadline for nominations for the "1989 Transportation Safety Award" was February 20th and that April 17th would be the deadline for the nominations for the "1989 Transportation Engineer of the Year Award". He announced that nomination forms were available from the Committee and urged the membership to give due consideration to nominating worthy candidates.

Newsletter - President Griffin commented on the improved format of the Newsletter and the increased participation in the Professional Services Directory. He expressed his appreciation to Chairman Jim Meads for his diligent efforts. The membership assembled signified their approval of Jim's efforts by a round of applause.

Technical - Chairperson Nancy Hudson reported on the Committee's continuing efforts to develop and disseminate Public Service Announcements addressing timely Transportation Engineering questions. She announced that the meeting had been scheduled with TV Channel 42 during the week of March 27th to work on possible public awareness spots or special reports dealing with the meaning of ... Pedestrian Signal Displays and Pavement Markings. It was noted that based on the Committee's public survey, these items appeared to be the most confusing to the general public.

Chairperson Hudson solicited additional topics of interest from the membership for future consideration and advised that copies of the Public Service announcements developed by the Committee were available to Section members.

5) OFFICER'S REPORTS:

President David Griffin reported that the Section's Annual Report had been transmitted to District 5 and that a copy of the recently completed "Division History" was included in the submittal. He announced that Section Member Bob Vecellio was a candidate for Secretary-Treasurer of District 5 and urged ITE Members to support Bob's candidacy.

President Griffin made note of the new Section Banner on display at the Meeting and advised that upon receipt of the necessary hardware, both the Division and Section Banners would be displayed at future Meetings. Also, he announced that the Annual Meeting of District 5 would be held in Lexington, Kentucky, April 23-26 at the Hyatt Regency Hotel and that an informal Section Breakfast would be scheduled for April 25th.

Vice President Don Arkle reported that at its March 22nd meeting, the Board of Directors reviewed the need to update the Officers' Manual primarily due to the "name change" and Past President Long would be reviewing those changes. Also, he reported that the Board had approved Standard Operating Procedure 21 - "Governance Documents".

6) OLD BUSINESS:

None.

7) NEW BUSINESS:

None.

8) COMMENTS FROM THE FLOOR:

Bob Wolfe expressed concern over the Section's experiences in prior elections when a Section Member was a candidate for District Secretary-Treasurer. He reminded the membership that due to our size, it was essential that we actively seek outside support for Bob Vecellio's candidacy. He made a motion that the Board of Directors contact our sister Sections and solicit their vote. The motion was seconded by Dale Lenoir and unanimously adopted by voice vote of the Members in attendance.

Jerry Reeves expressed his appreciation for the attractively framed original copy of the article "A Commitment to Tomorrow's Transportation Engineers", which was published in the September 1988 issue of the ITE Journal. He also informed the membership that the Spring State Contract Products Show would be held at Garrett Coliseum on April 4th from 9:00 a.m. to 3:00 p.m.

President Griffin reminded the membership of the Annual Scholarship Auction at Gulf Shores and urged everyone to search for "hot items" to contribute to this worthwhile fund raiser.

8) ADJOURN:

President Griffin called for a motion to adjourn if there was no further business. The motion was made by Cecil Colson, seconded by Phil Henson, and unanimously approved by voice vote. The Meeting was adjourned at 1:19 p.m.

Respectfully Submitted,

Harold M. Reynor
Secretary/Treasurer 1988-89
Secretary/Treasurer’s Report
MARCH 23, 1989

FINANCIAL REPORT

Treasury Balance On October 6, 1989 ........................................ $3,012.30
Receipts Since October 6, 1988:

Dues Payments ........................................................................... $166.00
Newsletter: Professional Services Directory ............................. 90.00
October Meeting Registrations (59 @$20.00) ............................ 1,180.00
Total Receipts ........................................................................... $1,426.00

Expenditures Since October 6, 1988:

Awards: Special Plaques ............................................................ $80.04
Dues: Joint Engineers Council of Al. ....................................... 100.00
Holiday Inn: October 6th Meeting ............................................. 736.68
Postage: March Newsletter ...................................................... 62.50
Printing: Section Letterhead (2000) ....................................... 167.25
Printing: March Newsletter (225) ........................................... 123.69
Scholarship Fund .................................................................. 295.00
Section Banner ........................................................................ 280.00
Wooden Stand: Plaque ............................................................. 15.00
Total Expenditures .................................................................. $1,860.16

Treasury Balance on March 23, 1989 ........................................... $2,578.14

MEMBERSHIP REPORT

Activity Since October 6, 1988:

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<th>Members</th>
<th>Affiliates</th>
<th>Totals</th>
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<td>124</td>
<td>191</td>
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<tr>
<td>Admissions and Reinstatements</td>
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<td>14</td>
<td>14</td>
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<tr>
<td>Conditional Reinstatements</td>
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<td>1</td>
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<tr>
<td>Deceased</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>Resignations and Expulsions</td>
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<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Membership on March 23, 1989</td>
<td>67</td>
<td>135</td>
<td>202</td>
</tr>
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</table>

Dues Status on March 23, 1989:

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<td>8</td>
<td>0</td>
<td>202</td>
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</tbody>
</table>

Respectfully Submitted,
Harold M. Raynor

WELCOME!
New Membership

MEMBERS
Kenneth John (Ken) Cush
Alabama Highway Department
Robert Victor Kolar, P.E.
Robert V. Kolar Consulting Engineering

AFFILIATES
Billy I. Bates, P.E.
Alabama Highway Department
Michael Wayne Blackwell, P.E.
Jefferson County
Richard Lyn Caudle
Gorove/Slade Associates, Inc.
James E. Corbett
G.K. Instruments, Inc.
Bernard T. Finneran, P.E.
Alabama Highway Department
Charles R. Garrett
Alabama Highway Department
Stacey N. Glass
Alabama Highway Department
David M. Godwin, P.E.
Alabama Highway Department
Mickey L. Hall
City of Gadsden
Robert J. Kemp
Alabama Highway Department
Charles David Powell
Alabama Highway Department
Billy C. Scroggins
Alabama Highway Department
Billy B. Shaw
Alabama Highway Department
Virginia M. Stubblefield
Southern Aluminum & Steel Corporation
Thomas Y. Wheeler, P.E.
Alabama Highway Department
Rebecca Anne White
Gorove/Slade Associates, Inc.

REPORT SHOWS CONGESTION CONTINUES TO INCREASE
Reprinted from ITE Journal, April 1989

The percentage of peak-hour travel on urban interstates that occurred under congested conditions reached 65% in 1987, up from 61% in 1985 and 54% in 1983. Urban travel increased by 9.4% between 1985 and 1987, and now represents 59.4% of total travel. Although new construction funding for urban areas increased by $1.9 billion between 1985 and 1987 - the largest single increase among all highway capital improvement categories - the increased mileage in urban areas was "barely sufficient to maintain overall density of travel per lane-mile in urban areas."

So stated the U.S. Federal Highway Administration’s biennial report to Congress, "The Status of the Nation’s Highways and Bridges: Conditions and Performance." The report also stated that total highway travel in 1987 reached 1.92 trillion vehicle miles, an overall increase of 8.4% over the two-year period.

We look forward to the energy that these new members and affiliates will bring to the Alabama Section!
OFFICER'S NOMINATING COMMITTEE

The Officers' Nominating Committee has recommended the following members as candidates for Section Offices for the 1989-90 year:

President: Don T. Arkle
Vice President: Harold M. Raynor
Secretary/Treasurer: James A. Meads
T. Paul Weldon
Section Representative: Bob Vecellio

Officers elected at the 1989 Annual Meeting shall serve until December 31, 1990.

Ballots will be distributed to voting members on or before May 26, 1989.

AFFILIATE NOMINATING COMMITTEE

The Affiliate Nominating Committee consisting of Charles A. Malone, Chairman; Billy Joe DeRamus, Member; and Johnny Germany, Member, has made the following nominations for Affiliate Officers for the 1989-90 year:

Affiliate Director: James Pollock
Assistant Affiliate Director: Robert Camp
Rick Mook

Officers elected at the 1989 Annual Meeting shall serve until December 31, 1990.

Ballots will be distributed to each Affiliate on or before May 26, 1989.

STUDENT CHAPTER NEWS

Two Alabama Section members gave presentations to the Auburn Student Chapter during the past quarters. Steve Gray of the Alabama Traffic Safety Center gave a sobering presentation on "Vehicular and Highway Safety Research" at a joint meeting with ASCE. Cecil W. Colson, Jr., of the Alabama Highway Department presented up-to-date information on "Alabama Traffic Accident Facts".

The Chapter provided van transportation to 847 visitors on February 24th for E-Day, open house for high school students. Tim Schmitz, our Engineering Council Representative, reported that the travel cost per passenger was 10 cents. Other Student Chapter Officers are President Deborah Greene; Vice President John Murphy; and Secretary-Treasurer Kathryn Lowe. Congratulations to Kathryn who graduated in March.

by Bob Vecellio

FOLLOW RULES OF ROAD FOR SAFE RUNNING

The Birmingham Track Club provides the following "Rules of the Road" for its members in the interest of safe running.

1. Run on sidewalks when they are available. No sidewalks: Run on shoulder of road. No sidewalks or shoulder: Run on outside of roadway.

2. Run on left side of road, facing oncoming traffic. Always yield right-of-way to all vehicles.


4. Be cautious on blind curves.

5. Wear reflective or light-colored garments in poor light.

6. Do not challenge cars - they are bigger.

7. Acknowledge a toot of the horn with a smile and a wave.

8. Cross roads only at right-angles to the curb.

9. Be extremely cautious of vehicles exiting driveways or waiting to make right turns.
President Rod Long appointed a Technical Committee in 1987 to develop a program to educate the public on traffic related matters. The first objective of the Committee was to determine topics to address. We developed a ten question survey to test the public’s level of understanding of basic traffic controls. Forty one percent of those tested answered 6 or more questions incorrectly. The survey group covered all age groups and educational backgrounds. The questions missed the most were the areas we wanted to cover in the program. Ninety one percent did not understand a flashing "DON'T WALK". Eighty five percent did not know you can turn left across double yellow lane lines.

During the 1987-88 year we developed and distributed copies of safety tips on Pedestrian Signals, Merging on Interstate Ramps and Pavement Markings to radio and television stations in the Birmingham area. At the March, 1988 business meeting, copies were given to the members present.

The 1988-89 Committee, appointed by President David Griffin, has finally seen results of last year’s hard work:

- **April 10** Birmingham Post Herald did an article about the survey and high accident locations, mentioning the Alabama Section’s Committee and local accident statistics.

- **Three radio stations in Birmingham and one in Tuscaloosa** discussed the article and asked questions from the survey on the air.

- **April 11** Television station Channel 13 included the survey and statistics in a news broadcast.

- **April 17** WERC Radio invited us to be guests on an afternoon talk show to discuss the survey and traffic problems with callers.

- **May 2** Television station Channel 42 did an interview and report for their 10 o’clock Night Desk.

- **May 8** Karen Day, with Today's Traffic, broadcasts traffic reports on 8 of the 11 radio stations in Birmingham. We now have daily contact with her office to provide construction areas, new traffic control installations and safety tips.

- **May 10** Talked with Robert Liggett, Vice-Chairman of the State of Alabama Safety Coordinating Committee. He extended an invitation to this Committee to become actively involved in the HIGHWAY SAFETY PRIORITIES...TO THE YEAR 1995.

The public response to this coverage has been very positive. Most ask, "Why hasn’t this been done before?" The public is interested and hungry for information. We have the responsibility to inform and educate the public. If we don’t tell them, who will?

I want to challenge each of you to take an interest in this program. We could cover the entire state with your help. If you can’t actively participate, find someone in your organization that can help. The Committee will be happy to provide any assistance necessary. Contact us at 900 City Hall, Birmingham, Alabama 35203, ATTN: Nancy Hudson, or call 254-2450.

- by Nancy Hudson

---

**FOR YOUR INFORMATION**

**MODERN TIMBER BRIDGES ARE AN ATTRACTIVE OPTION**

Many bridges serving Alabama’s rural areas are in deteriorating conditions and need costly repairs, according to data from the Alabama Highway Department and the U.S. Department of Transportation. To help address this problem, a Timber Bridge Conference is scheduled for October 23-26 in Birmingham. The conference will be held at the Sheraton Perimeter Park South Hotel.

Because wood is a renewable resource and abundant in Alabama, wood bridge components are readily available throughout the state. The sale, harvest, manufacture, treatment, and fabrication of wood into bridges can produce jobs and dollars for
You are Invited to Attend the
59th Annual Meeting of the Institute of Transportation Engineers
September 17-20, 1989
San Diego, California

For 59 years, ITE's annual meeting has been bringing transportation professionals together to discuss new ways to meet the challenges of providing a safe and efficient transportation system. This year's meeting will include more than 100 presentations, chosen for their timely information on state-of-the-art techniques that you might find useful in your job. The sessions will spark ideas that you can apply in your department or office. And there will be plenty of opportunity for formal and informal discussion with some of the more than 1,000 transportation professionals expected at the meeting.

San Diego is the perfect site for the meeting. It boasts a mild climate—September's average high temperature is 76.5°F, and its low is 63.2°F. San Diego is bordered on the west by the Pacific Ocean, and on the east by mountains and Anza Borrego Desert State Park, which is the largest state park in the United States. Disneyland is only 90 miles away.

This year's meeting highlights will include
- More than 100 presentations
- Discussions of issues, programs, and projects
- Technical Council committee meetings
- Products and services exhibit
- Tours of San Diego's transportation facilities
- Pre-meeting Professional Development Program
- After-hours social events
- Spouse/guest program
- Annual business meeting

For more information about the 59th Annual Meeting of the Institute of Transportation Engineers, contact:

Institute of Transportation Engineers
525 School Street, S.W., Suite 410
Washington, D.C. 20024-2729 USA
202/554-8050
Fax: 202/863-5486
TIMBER BRIDGES cont.

rural communities. A typical thirty to forty foot timber bridge requires approximately thirty to fifty thousand board feet of treated lumber. This opens markets for timberland owners and stimulates growth in the forest products industry.

Modern timber bridges offer an opportunity to upgrade our bridge system and to support economic development through an improved transportation system.

During the conference two bridges will be examined - a replacement bridge and rehabilitated bridge. They will provide examples of modern timber bridge design and proper use of timber components for rehabilitation. These are typical of bridge situations being faced by county engineers. These bridges will also show proper design and construction using treated southern pine, the major commercial species in the region. Both bridges are located in Shelby County, approximately 30 miles south of Birmingham.

The bridges will be engineered to carry HS-20 loads and will utilize timber railings based upon the new timber railing designs now being tested at Texas A&M. The tentative planning is for the modern replacement bridge to be designed with mud sills, timberbents, sawn timber beams and a glulam deck. This double lane bridge will have an asphalt wearing surface.

The bridge to be rehabilitated has masonry stone abutments and a pier of reinforced concrete with a height above normal stream level of about 12 feet. The present deck is steel and concrete and is in need of replacement due to deterioration of the concrete. The deck will be removed and replaced with a wood deck, using a longitudinal built-up system. These bridges will be completed, or in final stages of completion, for inspection during the Alabama Timber Bridge Conference in October.

The conference will be a joint effort of the Alabama Legislative Forestry Study Committee, the Alabama Forestry Association, the Alabama Forestry Commission, and the Cooperative Extension Service of Auburn University. Other close cooperators on the conference are the USDA Forest Service, the Southern Forest Products Association, the Alabama RC&D Council and the Alabama Highway Department.

For more information, please contact Jim Gober, Alabama Forestry Commission, at 798-3227, or Dr. John Haygreen, Auburn University, 826-4050.

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rlwa

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Marketing Manager

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