14th REGIONAL MEETING
NOVEMBER 1-3, 1961
THE DINKLER TUTWILER HOTEL
BIRMINGHAM, ALABAMA
REGISTRATION FEE: $3.00

Registration in the hotel lobby 8:30 a.m. to 5:00 p.m. Wednesday and Thursday, Nov. 1 and 2. . . . 8:30 a.m. to 1:00 p.m., Friday, Nov. 3

COMMITTEES

General Chairman – C.A. Barinowski, Vulcan Materials Co., Birmingham

Secretary – J. Shiers Jones, Connors Steel Division, H.K. Porter Co., Inc., Birmingham

Treasurer – Raymond E. Strickland, Strickland and Associates, Birmingham


Publicity Chairman – Lloyd R. Belcher, The Rust Engineering Co., Birmingham

Registration Chairman – Frank E. Lindstrom, Sullivan, Long & Hagerty, Birmingham


Finance Chairman – C.A. Barinowski (Ex officio)


9:00 a.m. to 5:00 p.m.

TECHNICAL COMMITTEE MEETINGS

See bulletin board near registration desk for exact time and location of various committee meetings

THURSDAY, NOV. 2

8:00 a.m. BREAKFAST for all scheduled program participants. Colonial Room

9:30 a.m. to 12:00 Noon FIRST GENERAL SESSION. Ballroom

Chairman: C.A. Barinowski, special consultant, Vulcan Materials Co., Birmingham, Ala.

Welcome by the Honorable James Morgan, Mayor of Birmingham.


12:15 p.m. LUNCHEON. Dinkler Room

Modern Resources for Better Concrete Work -- ACI President Lewis H. Tuthill, concrete engineer, California Department of Water Resources, Sacramento, Calif.
2:00 p.m. to 5:00 p.m. **MATERIALS SESSION.** Ballroom

Chairman: Clayton L. Davis, director, Quality and Technical Services, Universal Atlas Cement Division, U.S. Steel Corp., New York, N.Y.


Concrete Chimneys – Max Zar, associate, Sargent & Lundy, Chicago, Ill.

Optimum Air Content for Interior Mass Concrete – William O. Tynes, chief of General Investigations Section, Concrete Division, U.S. Army Engineer Waterways Experiment Station, Jackson, Miss.

Investigation of Abnormal Cracking in Highway Structures in Georgia and Alabama – Calvin C. Oleson, principal research engineer, Research and Development Laboratories, Portland Cement Association, Skokie, Ill.

2:00 p.m. to 5:00 p.m. **DESIGN SESSION.** Terrace Room

Chairman: D.M. McCain, head, Department of Civil Engineering, Mississippi State University, State College, Miss.

Use of Field Testing as a Design Aid – R.C. Elstner, consulting engineer, The Engineers Collaborative, Chicago, Ill.

Service Load Design vs. Ultimate Load Design for Prestressed Concrete – Narbey Khachaturian, associate professor, Department of Civil Engineering, University of Illinois, Urbana, Ill.

Differential Shrinkage Effects in Composite Beams – Dan E. Branson, associate professor, Department of Civil Engineering, University of Alabama, Tuscaloosa, Ala.

6:00 p.m. to 7:30 p.m. **SOCIAL HOUR.** Dinkler Room
9:00 a.m. to 12:00 Noon

RESEARCH SESSION. Ballroom

Chairman: F.M. Hudson, professor, Department of Civil Engineering, Auburn University, Auburn, Ala.

Behavior of Reinforced Concrete Beams with Closely Spaced Reinforcement – James P. Romualdi, associate professor, and Gordon B. Batson, graduate research assistant, Department of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa.

Development Length of High Strength Reinforcing Bars in Bond – Phil M. Ferguson and J. Neils Thompson, professors, Department of Civil Engineering, University of Texas, Austin, Texas.

Experimental Investigation of Load Distribution Characteristics of a Prestressed Concrete Multi-Beam Bridge – C.R. Bramer, professor, F. L. Moreadith and E. P. Lopacker, graduate students, Department of Civil Engineering, North Carolina State College, Raleigh, N.C.

Behavior of Composite T-Beams Using Epoxy Resins as the Shear Connector – James D. Kriegl, assistant professor, Elton G. Endebrock, research assistant, and Gene M. Nordby, professor and head, Department of Civil Engineering, University of Arizona, Tucson, Ariz.

2:00 p.m. to 4:00 p.m.

FIELD TRIP TO 19th STREET UNDERPASS

FINANCIAL SPONSORS

Portland Cement Association

Connors Steel Division, H.K. Porter Company, Birmingham, Ala.

Sullivan, Long & Hagerty, Birmingham, Ala.

Vulcan Materials Company, Birmingham, Ala.

(Lines of additional contributors were not available at time of program printing.)