19th Fall Convention
PROGRAM

acil

JUNG HOTEL
October 24-28, 1966
New Orleans, Louisiana
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NOTE TO ACI MEMBERS

Each ACI member will be given a packet of ballots at registration. It is the only set that will be issued you at this meeting. It is therefore important to protect them from loss and to bring them with you to the General Session at which matters will be presented for vote.

NOTE FOR PROGRAM PARTICIPANTS

A program breakfast is planned for Thursday at 7:30 a.m. in Meeting Room #10. Breakfast is by invitation only.

University of Illinois Breakfast . . . 7:30 a.m. Thursday in the Plantation Room. Tickets are available from alumni and the University of Illinois staff members.

Cocktail Party “Icebreaker” . . . 6:30 p.m. Thursday in the Grand Ballroom. Admission $2.00. Wear your registration badge.

NOTE FLOOR PLAN ON PAGE 5 OF YOUR PROGRAM

ACI Convention and Press Room in Meeting Room #6 on the Second Floor.

* Address
AMERICAN CONCRETE INSTITUTE
P. O. Box 4754
Detroit, Michigan 48219
### MONDAY, October 24

- **9:00 a.m. to 12:00 Noon**
  - Committee 315: Detailing Reinforced Concrete Structures
  - Committee 318: Subcommittee 2 of Committee 318

- **2:00 p.m. to 5:00 p.m.**
  - Committee 318: Standard Building Code

- **7:00 p.m. to Midnite**
  - Committee: Long Range Planning Committee

### TUESDAY, October 25

- **9:00 a.m. to 12:00 Noon**
  - Committee 318: Subcommittee 9 of Committee 318
  - Committee 423: Prestressed Concrete

- **2:00 p.m. to 5:00 p.m.**
  - Committee 213: Lightweight Aggregate Concrete
  - Committee 318: Standard Building Code

- **7:00 p.m. to Midnite**
  - Committee 214: Evaluation of Results of Strength Tests of Concrete
  - Committee 408: Bond Stress

### WEDNESDAY, October 26

- **9:00 a.m. to 12:00 Noon**
  - Committee 118: Use of Computers
  - Committee 201: Durability of Concrete

- **2:00 p.m. to 5:00 p.m.**
  - Committee 211: Proportioning Concrete Mixes
  - Committee 223: Expansive Cement Concretes

- **7:00 p.m. to Midnite**
  - Committee 316: Construction of Concrete Pavements and Concrete Bases
THURSDAY, October 27

FIRST GENERAL SESSION . . Tulane Room
9:00 a.m. to 12:00 noon

SESSION CHAIRMEN:
Thomas A. Fromherz, co-chairman of the 19th ACI Fall Meeting, and consulting engineer, Fromherz Engineers, New Orleans, La.
Cecil M. Shilstone, co-chairman, 19th ACI Fall Convention, and president, Shilstone Testing Laboratory, Inc., New Orleans, La.

PRESENTATION OF NEW STANDARDS AND REVISIONS

Recommended Practice for Concrete Floor and Slab Construction — by Committee 302, A. T. Hersey, chairman, and technical service director, Alpha Portland Cement Co., Easton, Pa.

Recommended Practice for Manufactured Reinforced Concrete Floor and Roof Units — by Committee 512, Joseph H. Appleton, vice-chairman, and professor of civil engineering, University of Alabama, Birmingham

REPORTS ON PROJECTS ABROAD


Industrialized Precast Concrete Housing in Europe — J. A. Hanson, manager, Products and Applications Development Section, Research and Development Division, Portland Cement Association, Skokie, Ill.


Current Activities by European Concrete Organizations — William A. Maples, executive secretary of ACI, Detroit, Mich.
CONCURRENT SESSIONS
THURSDAY, October 27
2:00 p.m. to 5:30 p.m.

SYMPOSIUM ON MECHANICAL FASTENERS FOR CONCRETE . . . Tulane Room
(Jointly Sponsored by ACI and Building Research Institute)

CHAIRMAN: E. George Stern, chairman, BRI
Section on Fastening Materials,
Virginia Polytechnic Institute,
Blacksburg

2:00 Opening Remarks — E. George Stern, session chairman

2:05 The Importance of Proper Anchoring of and to Concrete — Edward Cohen, associate partner,
Ammann and Whitney, Consulting Engineers,
New York, N.Y.

2:30 The Anchorage of Residential and Other Light-Frame Buildings to Concrete in Storm-Resistant Construction — E. George Stern,
Earle B. Norris research professor of wood construction,
Virginia Polytechnic Institute,
Blacksburg

3:00 Fasteners for Steel and Concrete Composite Construction — Robert C. Singleton, vice-
president of engineering, Gregory Industries,
Lorain, Ohio

3:25 BREAK


4:05 Explosive Actuated Fastening Tools for Use in the Concrete Industry — Rowland J. Kopf, technical sales manager, Ramset Division,
Olin Mathieson Chemical Corp., New Haven, Conn.

4:35 The Use of Shallow Anchoring Devices in the Montreal Subway — Raymond Perreault, research engineer, City of Montreal Control and Research Laboratory, Montreal, Quebec

SYMPOSIUM ON BRIDGE DESIGN . . . Terrace Suites 1,2,3,4
(ACI Committee 443)

CHAIRMAN: Shu-t'ien Li, chairman of Committee 443, and professor of civil engineering, South Dakota School of Mines and Technology, Rapid City

2:05 Past and Future in the Design and Construction of Concrete Bridges — Leonidas T. Deliyannis, chief Bridge engineer, David Volkert & Associates, Washington, D.C.

2:35 Design of Long Span Concrete Bridges with Special Reference to Prestressing, Precasting, Erection, Structural Behavior, and Economics — T. Y. Lin, professor of civil engineering, Division of Structural Engineering and Structural Mechanics, University of California, Berkeley; and Ben C. Gerwick, president, Ben C. Gerwick, Inc., San Francisco, Calif.


3:35 BREAK


4:25 Effect of Variable Parameters on Dead Load Deflection of Reinforced Concrete Slab Bridges — James E. Roberts, associate bridge engineer, California Division of Highways, Sacramento
CONCURRENT
FRIDAY, October 28
9:00 a.m. to 12:00 Noon

SYMPOSIUM ON MECHANICAL FASTENERS FOR CONCRETE
(Concluding Session) . . . Tulane Room

CHAIRMAN: E. George Stern, chairman, BRI Section on Fastening Materials, Virginia Polytechnic Institute, Blacksburg

9:00 Connections for Precast Concrete Wall Panels—Victor F. Leabu, chief structural engineer, Giffels & Rossetti, Architects-Engineers, Detroit, Mich.

9:20 The Structural Anchorage of Precast, Prestressed Concrete—Thomas A. Hanson, Thomas A. Hanson & Associates, Structural Engineers, Richmond Va.

9:45 Pertinent Examples of Connections for Precast Concrete—Paul H. Kaar, senior development engineer, Structural Development Section, Research and Development Division, Portland Cement Association, Skokie, Ill.

10:10 Industrial Research on Connections for Precast and In-Situ Concrete—Peter D. Courtois, production engineer, Superior Concrete Accessories, Inc., Franklin Park, Ill.

10:35 BREAK

10:55 Anchorage of Engineered Structures to Concrete and Other Foundations—John J. White, associate, and chief specifications engineer, Parsons, Brinckerhoff, Quade and Douglas, Engineers, New York, N.Y.


11:35 Post-Tensioned Anchorages for Engineered Structures—E. Schechter, president; and Mario Suarez, vice-president of engineering, Stresssteel Corporation, Wilkes-Barre, Pa.

11:55 Closing Remarks—Raymond J. Schutz, chairman, joint ACI-BRI program committee, and vice-president and technical director, Sika Chemical Corporation, Passaic, N.J.

SESSIONS
FRIDAY, October 28
9:00 a.m. to 12:00 noon

APPROACHES TO ARCHITECTURAL CONCRETE - Terrace Suites 1,2,3,4

9:00 CHAIRMAN: James M. Shilstone, president, Architectural Concrete Consultants, Inc., Houston, Texas

9:10 Architectural Concrete: Architectural Considerations—Gyo Obata, partner, Hellmuth, Obata, and Kassabaum, St. Louis, Mo.

9:40 Architectural Concrete: Structural Implications—Matthys P. Levy, partner, Paul Weidlinger, New York, N.Y.

10:10 Architectural Concrete: Planning Requirements—Larry C. Washburn, vice-president and director Western Region, Architectural Concrete Consultants, Inc., Oakland, Calif.

10:40 BREAK

11:00 Architectural Concrete: Contractor's Execution—Henry C. Beck, president; and E. Vernon Brown, project manager, Henry C. Beck Company, Dallas, Texas

11:30 Architectural Concrete: Finishing Techniques—Paul A. Brown, head of Architectural Concrete Finishes and Coatings Department, William S. Alt and Son, Chicago, Ill.
FRIDAY, October 28
2:00 p.m. to 5:00 p.m.

EPOXIES WITH CONCRETE . Tulane Room
(ACI Committee 503)

2:00
CHAIRMAN: James D. Kriegl, chairman, Committee 503, and associate professor of civil engineering, College of Engineering, University of Arizona, Tucson


2:20 Epoxy Resin Adhesives for Bonding Concrete to Concrete — Raymond J. Schutz, vice-president and technical director, Sika Chemical Corporation, Passaic, N.J.

2:42 Epoxy Surface Treatments for Portland Cement Concrete Pavements — William R. McConnell, Asphalt Sales Department, Shell Oil Company, New York, N.Y.

3:04 BREAK

3:24 Patching and Grouting of Concrete with Epoxy Systems — Leo V. Corbett, Market Development Specialist, formerly with Celanese Resins Division, Celanese Coatings Company, Louisville, Ky.

(This paper, authored by Leo V. Corbett, will be presented by Francis B. Alvey, product manager, Non-Coatings, Celanese Coatings Company, Louisville, Ky.)

3:46 Application Specifications — Belman U. Duvall, supervisory civil engineer, chief, Chemical and Thermal Effects Branch, Concrete Division, U.S. Army Engineer Division, Ohio River, Cincinnati, Ohio; and George N. Harding, assistant chief, Concrete Branch, Engineering Division, Civil Works, Corps of Engineers, Department of the Army, Washington, D.C.

4:08 Question and Answer Period — Moderator: Gene M. Nordby, dean, College of Engineering, University of Oklahoma, Norman

Panel Members:

NEW ORLEANS CONVENTION COMMITTEE

COMMITTEE OFFICERS

Thomas A. Fromherz, Co-Chairman, 19th ACI Fall Convention, and partner, Fromherz Engineers, Consulting Engineers, New Orleans

Cecil M. Shilstone, Co-Chairman, 19th ACI Fall Convention, and president, Shilstone Testing Laboratory, Inc., New Orleans

David A. Hunter, Jr., Entertainment Chairman, and vice-president, de Lauréal Engineers, Inc., New Orleans

Robert H. Kuhlman, Publicity Chairman, and district engineer, Portland Cement Association, Louisiana district

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19th ACI FALL CONVENTION  
NEW ORLEANS, LOUISIANA  
OCTOBER 24 - 28, 1966  
HOSPITALITY ROOM . . . . Pavilion Room  
(Ground Floor)

Tuesday, October 25 — Hospitality Room  
Open 10:00 A.M. to 12:00 Noon

Wednesday, October 26 — Hospitality Room  
Open 9:30 A.M. to 4:00 P.M.  
“Breakfast at Brennan’s” $5.50  
(Meet in Brennan’s Restaurant Patio  
10:30 A.M.)  
Followed by optional tour of a few  
historical French Quarter buildings

Thursday, October 27 — Hospitality Room  
Open 9:30 A.M. to 12:00 Noon  
12:45 P.M. — Assembly for bus tour at  
Canal Street Entrance to Hotel  
1:00 P.M. to 4:00 P.M. — Bus tour of city  
including coffee party at the home of  
Mrs. Cecil Shilstone — $4.00

Friday, October 28 — Hospitality Room  
Open 9:30 A.M. to 12:00 Noon  
12:00 Noon — Luncheon at Arnaud’s Res- 
taurant followed by guided walking  
tour of the Vieux Carre — $5.00

HOSTESS COMMITTEE  
Mrs. Cecil M. Shilstone, Co-Chairman (Frances)  
Mrs. Thomas A. Fromherz, Co-Chairman (Carroll)  
Mrs. David A. Hunter (Patricia)