

SUMMARY OF PROCEEDINGS OF THE TWENTY-SECOND
ANNUAL CONVENTION.

Sherman Hotel, Chicago, Ill.

FIRST SESSION, TUESDAY, FEBRUARY 23, 1926, 2 P. M.

The convention was called to order by A. E. Lindau, president of the American Concrete Institute, who read a paper entitled

"The Trend of Institute Work."

The following papers were read and discussed:

"Correlated Considerations in the Design and Construction of Concrete Bridges," by A. Burton Cohen.

"Formulas for the Design of Rectangular Floor Slabs and the Supporting Girders," by Harold M. Westergaard.

"Better Railway Track Support," by Frank H. Alfred (read in the author's absence by Mr. Grandy).

The last paper was followed by a discussion on "The Railroads and Concrete."

SECOND SESSION, TUESDAY, FEBRUARY 23, 1926, 8 P. M.

A. E. Lindau in the chair.

The following papers were read and discussed:

"Earthquakeproof Construction," by H. M. Hadley.

"Earthquakes and Their Effect on Buildings," by Arthur L. Day.

The rest of the session was devoted to considerations of the "Question Box."

THIRD SESSION, WEDNESDAY, FEBRUARY 24, 1926, 9.30 A. M.

Past-president W. K. Hatt in the chair.

The following papers were read and discussed:

"The Wilson Dam—How It Was Built," by Maj. M. C. Tyler.

"Controlling Quality of Concrete on the Wilson Dam," by John W. Hall.

"Seven Years' Experience With Job Control of the Quality of Concrete," by R. B. Young.

FOURTH SESSION, WEDNESDAY, FEBRUARY 24, 1926, 2 P. M.

M. M. Upson, vice-president, in the chair.

The following papers were read and discussed:

"Control of Concrete Mixtures on University of Pittsburgh Stadium," by W. S. Hindman.

Consideration was then given to the remaining part of the "Question Box" left over from the second session.

The following papers were read and discussed:

"New Experiences in Field Control," by John G. Ahlers.

"Application of the Water-Ratio Specification for Concrete," by F. R. McMillan and Stanton Walker.

The report of Committee E-5 on Aggregates was presented by its chairman, R. W. Crum. The report was adopted and the "Purchasing Specification for Aggregates" that it contains was accepted as a tentative standard for one year. Specification is not printed in this volume, but appears as a separate.

The report of Committee C-5 on Measurement of and Estimating Concrete was presented by A. B. Cohen, member of the committee.

Tentative Standard C5A-25T on Measurement of Concrete was referred to letter ballot for adoption as standard. (This standard was adopted by vote of the membership May 27, 1926, and appears in this volume of the Proceedings as C5A-26.)

FIFTH SESSION, WEDNESDAY, FEBRUARY 24, 1926, 8 P. M.

W. E. Hart in the chair.

The report of Committee E-6 on Destructive Agents and Protective Treatment was presented by its chairman, M. M. Upson, and secretary, F. R. McMillan.

The following papers were read and discussed:

"Concrete for Structure and Finish of Important Buildings," by David C. Allison. (Read by H. C. Boyden.)

"Architectural Concrete," by John J. Earley.

"Stucco Textures and Colors," by O. A. Malone.

The last paper consisted of a demonstration by Mr. Malone of the actual placing of various stucco finishes.

SIXTH SESSION, THURSDAY, FEBRUARY 25, 1926, 9.30 A. M.

Richard L. Humphrey, past-president, in the chair.

The following papers were read and discussed:

"Uniformity of Building Code Regulation of Concrete Masonry Units," by Frank Cartwright.

"Building Regulations and Concrete Masonry Units," by George A. Hauser.

The report of Committee P-4 on Concrete Staves was presented by its chairman, W. O. Brassert. With minor corrections, approved by unanimous consent of the floor, Standard Specification on Concrete Staves, P4A-25T, was voted to be sent to letter ballot of the membership for approval as standard. (This standard was approved by the membership of the society on May 27, 1926, and appears in this volume of the Proceedings as Standard P4A-26.)

The report of Committee P-1 on Standard Concrete Building Units was presented by Chairman E. W. Dienhart. The report consists of amendments to Standard P1A-25 and Standard P1B-25. These were adopted by the meeting as tentative and are printed as a separate.

The following paper was read and discussed:

"Effect of Lime on Concrete Products," by Paul C. Cunnick.

P. H. Bates, chairman of Committee T-1 on Cracking, presented an oral progress report.

John J. Earley, chairman of Committee P-2 on Cast Stone and Architectural Concrete, presented a paper, "Future Work of Committee P-2."

The report of Committee P-6 on Concrete Products Plant Operation was presented by Benjamin Wilk, chairman. The report consisted of a paper on "How to Cure Concrete Building Units."

At a luncheon meeting details of the Wacker Drive, visited in the afternoon of February 25, were presented by the following speakers: T. A. Evans, engineer-in-charge of design, Board of Local Improvements, Chicago; Frank Herlihy, president, Mid-Continent Construction Co.; A. A. Levison, Blaw-Knox Co.; John J. Sloane, president, Chicago Board of Local Improvements.

The afternoon was devoted to the inspection of the Wacker Drive.

SEVENTH SESSION, THURSDAY, FEBRUARY 25, 1926, 8 P. M.

President A. E. Lindau in the chair.

The tellers announced the following elections:

President, M. M. Upson, of New York.

Vice-President (2-year term), John J. Earley, of Washington.

Secretary and Treasurer, Harvey Whipple, Detroit.
 Directors, 3rd District, A. C. Tozzer.
 2nd District, J. G. Ahlers, New York.
 6th District, Rudolph J. Wig, Los Angeles.

(On account of the elevation of Mr. Earley from directorship in the 4th District to vice-president, a vacancy occurred in the 4th District directorship. The Board of Direction in accordance with the constitution filled the vacancy. P. H. Bates, Washington, D. C., is the new director.)

The following amendment to the by-laws legally presented to the meeting was adopted to be sent to letter ballot. (It was adopted by vote of May 27, 1926.) The amendment follows:

ARTICLE V.

STANDARDS.

SECTION 1. Proposed new or revised Standard Specifications, Standard Practice, and Standard Definitions when approved by a majority voting in the committee in which they originate, shall be submitted, in the form adopted in the Standard Form of Standards, to the secretary of the Institute 60 days prior to the opening of the annual convention at which they are to be presented. The secretary of the Institute shall cause these proposed new standards or revised standards to be printed as Proposed Tentative Standards and mailed to the full membership of the Institute thirty days prior to the opening of the convention. As there amended and approved, they shall be published in the Annual Proceedings, next issued as Tentative Standards. At a subsequent annual convention, they may again be offered unamended, by their originating committees as proposed standards, and as there approved by a majority of those voting, they shall be submitted to letter ballot of the Institute membership, to be canvassed within ninety days thereafter. Such proposed standards shall be considered adopted unless at least 10 per cent of those voting shall vote in the negative.

The change in the amendment lies entirely in the last sentence, which in the old by-laws read as follows:

“Such proposed Standard shall be considered adopted unless at least 10 per cent of the total membership shall vote in the negative.”

The Wason Medal was presented by President Lindau and C. E. Nichols to

E. A. Dockstader

for the most meritorious paper presented at the 1925 convention:

“Report of Tests Made to Determine the Temperatures in Reinforced-Concrete Chimney Shells.”

The secretary presented the so-called "Pen-Wiper" Trophy to Duff A. Abrams for leadership in sponsoring new Institute members, January 1, 1925, to February 15, 1926. The trophy consisted of an oversize pen-wiper and a set of desk fountain pens. The second prize, a fountain pen, was awarded to F. R. McMillan.

The following papers were read and discussed:

"Architectural Floors—Especially Terrazzo," by H. S. Wright.

The report of Committee J-2 on the American Concrete Institute Representation on Concrete Culvert Standards was presented to B. S. Pease, chairman of the Joint Culvert Pipe Committee. The report was accepted as a progress report.

The following papers were read and discussed:

"Efficiency in the Supervision of the Construction of Concrete Road Surfacing," by J. L. Harrison.

"Transverse Testing of Concrete," by H. F. Clemmer and Fred Burggraf.

EIGHTH SESSION, FRIDAY, FEBRUARY 26, 1926, 9.30 A. M.

President A. E. Lindau in the chair.

The report of Committee S-1 on Reinforced-Concrete Chimneys was read by its chairman, C. E. Nichols.

The following papers were read and discussed:

"Concrete Pavement Design," by L. W. Teller and J. T. Pauls.

"Extensibility of Concrete," by W. K. Hatt.

"Reinforced-Concrete Chimney Tests," by Benjamin Wilk.

"Relation of 7- and 28-Day Compressive Strengths of Mortar and Concrete," by Willis A. Slater. (Read by Stanton Walker.)

"Soaps as Integral Waterproofing for Concrete," by Alfred H. White and John H. Bateman.

"The Most Significant Tests for Concrete," by A. T. Goldbeck.

The report of Committee E-3 on Research was read by its chairman, H. F. Gonnerman.

The following paper was read and discussed:

"The Effect of Varied Curing Conditions Upon the Compressive Strength of Mortars and Concretes," by Herbert J. Gilkey.