

AMERICAN CONCRETE INSTITUTE

PROCEEDINGS OF THE SIXTEENTH ANNUAL CONVENTION

Held at Chicago, Ill.
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SUMMARY OF THE PROCEEDINGS OF THE SIXTEENTH ANNUAL
CONVENTION.

Auditorium Hotel, Chicago, Ill.

FIRST SESSION, MONDAY, FEBRUARY 16, 1920, 11.15 A. M.

The convention was called to order by W. K. Hatt, President of the American Concrete Institute.

The report of the Committee on Nomenclature was read by its chairman, W. A. Slater. The definitions in the report were submitted by the convention to letter ballot for adoption as standard practice. The following papers were read and discussed:

- "Examples of Application of Abrams' Water Ratio in Proportioning Concrete," by Stanton Walker.
"Wear and Strength Tests of Concrete," by R. E. Crepps.

SECOND SESSION, MONDAY, FEBRUARY 16, 1920, 2.30 P. M.

President W. K. Hatt in the chair.

The report of the Committee on Treatment of Concrete Surfaces was read by its chairman, J. C. Pearson. The Standard Recommended Practice for Portland Cement Stucco contained in that report was passed to letter ballot of the Institute.

The following paper was read and discussed:

- "United States Standard Sieve Series," by J. C. Pearson.

The report of the Committee on Building Block was presented by W. R. Harris. Part of report, which consists of resolutions, was referred to Committee on Resolutions, and part to Board of Direction.

The report of the Committee on Concrete Aggregates was presented by C. M. Chapman. The report was received.

THIRD SESSION, MONDAY, FEBRUARY 16, 1920, 8 P. M.

W. K. Hatt in the chair.

The following paper was read and discussed:

- "Flexural Strength of Concrete in Compression," by W. A. Slater and R. R. Zippodt. The paper was presented by Mr. Zippodt.

The report of the Special Committee on the Determination of Proper Value for Vertical Shear in Reinforced-Concrete Design was presented by its chairman, A. R. Lord. Action on the report was deferred until a later session.

The report of the Subcommittee of the Research Committee on Recommendation for Practice in Testing Floors in Reinforced-Concrete Buildings was presented by its chairman, W. A. Slater. It was received by the meeting.

FOURTH SESSION, TUESDAY, FEBRUARY 17, 1920, 10 A. M.

W. K. Hatt in the chair.

The report of the Special Committee on Standardization of Units of Design was presented by A. W. Stephens. The report was received.

S. C. Hollister, chairman for the Institute on the Joint Committee on Concrete and Reinforced Concrete, made announcement of the organization of that Joint Committee.

The report of the Special Committee on Standardization of Specifications for Steel Bars for Concrete Reinforcement was presented by W. S. Edge. This report was changed in its wording on the floor of the convention and received as changed.

The following paper was read and discussed:

"Pressure of Concrete Against Forms," by E. B. Smith. The paper was presented by A. T. Goldbeck.

The report of the Committee on Reinforced-Concrete Barges and Ships was presented by the secretary. The report was received.

The report of the Special Committee on Contractors' Plant in Reinforced-Concrete Construction was presented. The report was received.

FIFTH SESSION, TUESDAY, FEBRUARY 17, 1920, 2.30 P. M.

W. K. Hatt in the chair.

The report of the Committee on Concrete Roads and Pavements was presented by K. H. Talbot. Changes in Standard Specifications for Concrete Roads were received to be printed in the current Proceedings as information. Changes in Recommended Practice as printed in Proceedings, A. C. I., 1919, p. 413, were sent to letter ballot of the Institute as standard specifications.

The report of the Special Committee on Contractors' Plant was discussed.

The report of the Committee on Reinforced-Concrete Highway Bridges and Culverts was presented by the chairman in abstract.

The report of the Committee on Sidewalks and Floors was presented by the chairman, J. E. Freeman, and received by the meeting.

The report of the Committee on Concrete Storage Tanks was presented by Chairman H. B. Andrews. Recommendations governing the construction of reinforced-concrete fuel oil tanks were received and ordered printed in the Proceedings. Resolutions offering the suggestion that the Institute join with the National Fire Protection Association in the preparation of standard specifications were referred to the Board of Direction.

The report of the Special Committee on Different Types of Concrete Floor Finish was presented in abstract and discussed.

SIXTH SESSION, WEDNESDAY, FEBRUARY 18, 1920, 10.30 A. M.

L. C. Wason in the chair.

The following paper was read and discussed:

"Recent Ideals on Vocational Training Applied to Concrete Workers," by W. K. Hatt.

W. K. Hatt in the chair.

The report of the Committee on Plain and Reinforced-Concrete Sewers was presented by Chairman W. W. Horner. The Specifications prepared by this Committee were passed by the meeting to letter ballot of the Institute.

Business Session.

The secretary read the report of the Board of Direction.

The secretary read the report of the treasurer.

The secretary reported that the letter ballot had resulted in the election of the following officers for the ensuing year:

President, Henry C. Turner.

Vice-President, Charles R. Gow.

Treasurer, Robert W. Lesley.

Directors, First District, Edward D. Boyer.

Second District, Edward A. Tucker.

Sixth District, Arthur Bent.

The report of the Committee on Reinforced Concrete and Building Laws was presented by A. E. Lindau. The Building Regulations prepared by this Committee, with amendments on the floor, were adopted to be sent to letter ballot of the Institute.

The report of the Special Committee on Determination of Proper Value for Vertical Shear in Reinforced-Concrete Design was brought up again and the report was received to be printed as information in the Proceedings.

The following paper was read and discussed:

"Fire Tests of Concrete Columns," by W. A. Hull.

The report of the Committee on Fireproofing was presented by W. A. Hull, its chairman, and received by the meeting.

SEVENTH SESSION, WEDNESDAY, FEBRUARY 18, 1920, 2.30 P. M.

Joint session with the National Conference on Concrete Housing Construction.

The report of the Committee on Concrete Industrial Houses was presented by K. H. Talbot, its chairman.

The following paper was read and discussed:

"New Developments in Surface-Treated Concrete and Stucco," by J. C. Pearson and J. J. Earley.