

SUMMARY OF THE PROCEEDINGS OF THE EIGHTEENTH  
ANNUAL CONVENTION.

Hotel Winton, Cleveland, O.

FIRST SESSION, MONDAY, FEB. 13, 1922, 2 P. M.

The convention was called to order by Henry C. Turner, president of the American Concrete Institute.

Report of Committee S-6, on Concrete Roads, was presented by its secretary, C. R. Ege. The report was accepted.

Report of Committee S-2, on Reinforced-Concrete Highway Bridges and Culverts, was presented by its chairman, A. B. Cohen. The report was accepted.

Moving pictures of roadbuilding construction were presented by George A. Sherron of the Koehring Machine Co.

President H. C. Turner presented a paper on building conditions in England.

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SECOND SESSION, MONDAY, FEB. 13, 1922, 8 P. M.

President H. C. Turner in the chair.

Report of Committee S-5, on Reinforced-Concrete Houses, was presented by its secretary, A. C. Irwin.

Director E. D. Boyer in the chair.

J. A. Ferguson, member of Committee S-5, presented a discussion of the committee report.

Mr. A. E. Lindau in the chair.

There was further discussion of the report of Committee S-5 and the report was then accepted by the Institute as a progress report.

The following papers on concrete houses were read:

"Concrete Houses at Small Cost," by Miss Kate Gleason.

"Gun-Stone Houses at Watertown, Mass.," by H. Whittemore Brown.

"Reinforced-Concrete Houses," by B. V. Hueber.

"Concrete Houses," by P. R. Smith.

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THIRD SESSION, TUESDAY, FEB. 14, 1922, 9.30 A. M.

President H. C. Turner in the chair.

Report of Committee E-3, on Research, was read by its chairman, Prof. W. K. Hatt. The report was accepted.

The following papers were read and discussed:

"Flexural Strength of Plain Concrete," by Duff A. Abrams.

"Ball Test Applied to Concrete," by W. K. Hatt.

"Fatigue Tests of Concrete," by W. K. Hatt.

The secretary read the report of the Board of Direction.

The president appointed a Resolutions Committee and tellers for the counting of the ballots.

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FOURTH SESSION, TUESDAY, FEB. 14, 1922, 2 P. M.

Vice-President W. P. Anderson in the chair.

The following papers were read and discussed:

"The Limitation and Possibilities of the Present and Future Markets for Concrete Building Units," by W. D. M. Allan.

"The Use of Concrete Block in the Construction of Houses for Employees of the Youngstown Sheet & Tube Co.," by B. E. Brooke.

Report of Committee P-1, on Standard Concrete Building Units, was presented by its secretary, W. R. Harris.

The minority report of Committee P-1 was presented by S. H. Wightman.

A discussion of the two reports was offered by John W. Lowell, a member of the committee. Mr. Lowell's compromise suggestions were discussed.

A defense of the majority report was presented by the chairman of the committee, R. F. Havlik. It was moved and seconded that the majority and minority reports be printed and that the committee be asked to get together to present a majority report at the next annual meeting. The motion was adopted by a majority vote.

Report of Committee P-5, on Fire Resistance of Concrete Building Units, was presented by its chairman, Leslie H. Allen. The report was accepted and the resolution noted in the report was adopted by the meeting.

Report of Committee P-4, on Concrete Staves, was read by Mr. Jackson. The report was accepted.

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FIFTH SESSION, TUESDAY, FEB. 14, 1922, 8 P. M.

President H. C. Turner in the chair.

Report of Committee J-2, on Concrete Pipe, was presented by its chairman, B. S. Pease. The report was received.

Report of Committee P-7 on Concrete Pipe, Drain Tile and Conduit was presented by its chairman, C. F. Buente. The report was received

and the recommendation of the committee that certain standards of the American Society for Testing Materials be adopted as standards of the Institute was confirmed.

Report of Committee P-6, on Products Plant Operation, was presented by its chairman, S. H. Wightman. The report was received.

Report on Committee S-1, on Concrete Chimneys, was presented by its chairman, Eric Plagwit. The report was received.

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SIXTH SESSION, WEDNESDAY, FEB. 15, 1922, 9.30 A. M.

President H. C. Turner in the chair.

A demonstration of practical field problems was given by Prof. Duff A. Abrams and Stanton Walker of the Structural Materials Research Laboratory, Lewis Institute, Chicago.

Report of Committee C-1, on Contractors Plant, was presented by John G. Ahlers, member of the committee. The report was accepted.

Report of Committee C-2, on Concrete Floor Finish, was presented by its chairman, N. M. Loney. The report was accepted.

The following papers were read and discussed:

"Concrete Floor Surfaces," by Joseph C. Grady.

"Bailey Floor Finish," by W. M. Bailey (read by title only).

The Wason Medal for the most meritorious paper presented to the 1921 Convention was presented by A. R. Lord of the Wason Medal Committee to Prof. H. M. Westergaard of the University of Illinois for his paper entitled "Analysis of Homogeneous Elastic Plates," a part of the joint paper on "Moments and Stresses in Slabs" presented by Mr. W. A. Slater and Prof. H. M. Westergaard.

The tellers announced the election of the following officers:

*President*; William P. Anderson, president, Ferro Concrete Construction Co., Cincinnati, Ohio.

*Vice-president* (full two-year term); M. M. Upson, vice-president, Raymond Concrete Pile Co., New York City.

*Vice-president* (one-year term); A. E. Lindau, vice-president, Corrugated Bar Co., Buffalo, N. Y.

*Treasurer*; Harvey Whipple, Editor, "Concrete," Detroit, Mich.

*Directors, First District*, Charles E. Nichols, Stone & Webster Co., Boston, Mass.; *Second District*, E. D. Boyer, Atlas Portland Cement Co., New York City; *Sixth District*, Arthur Bent, Bent Brothers, Contractors, Los Angeles, Cal.

President Anderson was escorted to the chair by past president Richard L. Humphrey and addressed the meeting.

SEVENTH SESSION, WEDNESDAY, FEB. 15, 1922, 2 P. M.

President H. C. Turner in the chair.

Vice-president elect A. E. Lindau in the chair.

Report of Committee C-3, on Concrete Surfaces, was presented by its chairman, J. C. Pearson. The report was accepted.

Report of Committee E-7, on Waterproofing, was presented by J. H. Libberton, secretary. The report was accepted.

Report of Committee C-4, on Metal Forms, was presented by W. F. Lockhardt, of the committee. The report was accepted.

The following papers were read and discussed:

"Corrosion of Steel Reinforcing," by M. E. Hibbs, construction engineer, Bureau of Building Inspection, Philadelphia.

"An Accurate Mechanical Solution of Statically Indeterminate Structures by Use of Paper Models and Special Gages," by Prof. George E. Beggs, Princeton University.

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EIGHTH SESSION, THURSDAY, FEB. 16, 1922, 9 A. M.

President H. C. Turner in the chair.

The session was devoted to a discussion of the report of the Joint Committee on Concrete and Reinforced Concrete.

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NINTH SESSION, THURSDAY, FEB. 16, 1922, 2.30 P. M.

The session was devoted to a further discussion of the report of the Joint Committee on Concrete and Reinforced Concrete.