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VOL. III

JANUARY, 1915

No. 1

ELEVENTH ANNUAL CONVENTION

The Eleventh Annual Convention of the Institute will be held at the Auditorium Hotel, Chicago, Ill., February 9-12, 1915. This Convention will mark the completion of the tenth year of the existence of the Institute, and an especially interesting and profitable program is being arranged. The sessions will be at 10 A. M., 3 P. M. and 8 P. M.

TENTATIVE PROGRAM—ELEVENTH ANNUAL CONVENTION

Tuesday, February 9, 1915. 10.00 o'clock, A. M.

Concrete Roads
and Bridges.

Opening Address of Welcome.

Review of Present Practice in Concrete Road
Construction.

Percy H. Wilson, Secretary, Association
of American Portland Cement Manufac-
turers, Philadelphia, Pa.

The Service Test Concrete Road in Philadelphia.

William H. Connell, Chief, Bureau of High-
ways and Street Cleaning, Philadelphia, Pa.

Reinforcing Narrow Concrete Roads.

John W. Mueller, Civil Engineer, New Castle,
Ind.

Report of Committee on Concrete Roads.

A. N. Johnson, Chairman.

4 TENTATIVE PROGRAM—ELEVENTH ANNUAL CONVENTION.

3.00 o'clock P. M.

Concrete Roads
and Bridges.

Organization and Methods of Constructing Concrete Roads.

William Acheson, Division Engineer, New York State Highway Commission, Buffalo, N. Y.

Concrete Roads and Frost Action.

A. M. Lovis, First Assistant Engineer, Massachusetts Highway Commission, Boston, Mass.

Cost of Construction and Maintenance of Concrete Roads.

H. J. Kuelling, County Highway Commissioner, Milwaukee, Wis.

The Construction of Integral Curbs.

Charles E. Russell, City Engineer, Highland Park, Ill.

Comparative Cost of Concrete Roads.

Percy H. Wilson, Secretary, Association of American Portland Cement Manufacturers, Philadelphia, Pa.

8.00 o'clock P. M.

Test of a Reinforced Concrete Slab Bridge.

E. B. McCormick, Mechanical Engineer, Office of Public Roads, Washington, D. C.

Standard Designs for Concrete Highway Bridges and Culverts.

C. B. McCullough, Designing Engineer, Iowa State Highway Commission, Ames, Ia.

Report of Committee on Standard Specifications for Concrete Highway Bridges and Culverts.

Willis Whited, Chairman.

TENTATIVE PROGRAM—ELEVENTH ANNUAL CONVENTION. 5

Wednesday, February 10, 1915. 10.00 o'clock, A. M.

Concrete and
Reinforced
Concrete Tests
and Design.

Report of Committee on Concrete and Reinforced Concrete.

A. E. Lindau, Chairman.

Report of Committee on Nomenclature.

F. C. Wight, Chairman.

Report of Committee on Insurance.

J. P. H. Perry, Chairman.

The Design of Wall Columns and Wall Beams.

Edward Smulski, Consulting Engineer, Boston, Mass.

12.00 o'clock Noon.

Close of Ballot Box.

3.00 o'clock P. M.

Reinforced Concrete Stands, Stadias and Bowls.

Charles W. Leavitt, Civil and Landscape Engineer, New York, N. Y.

Design and Construction of the Massachusetts Institute of Technology Buildings.

Sanford E. Thompson, Consulting Engineer, Newton Highlands, Mass.

The Design of Concrete Bins for the Storage of Cement.

Leonard Wesson, Assistant to President, Universal Portland Cement Company, Chicago, Ill.

The Manufacture and Laying of Concrete Sewer Pipe.

Henry T. Shelley, Assistant Engineer in Charge of Sewer Construction, Philadelphia, Pa.

Tests on Egg-Shape and Circular Reinforced Concrete Sewer Pipe.

Albert T. Goldbeck, Engineer of Tests, Bureau of Surveys, Philadelphia, Pa.

6 TENTATIVE PROGRAM—ELEVENTH ANNUAL CONVENTION.

8.00 o'clock P. M.

Concrete and
Reinforced
Concrete Tests
and Design.

Annual Address by the President.

A Critical Review of Current Practice in Reinforced Concrete as Embodied in Building Regulations and the Joint Committee Report.

Edward Godfrey, Structural Engineer,
Robert W. Hunt and Company, Pittsburgh, Pa.

Basis of Current Practice in Design of Reinforced Concrete Structures.

C. A. P. Turner, Consulting Engineer,
Minneapolis, Minn.

A New-Old Theory for Reinforced Concrete in Bending.

L. J. Mensch, Contracting Engineer, Chicago, Ill.

Thursday, February 11, 1915. 9.00 o'clock A. M.

Business Session.

Annual Report of Board of Direction. Report of Tellers.

10.00 o'clock A. M.

Concrete in Art
and Architecture.

Report of Committee on Cement Products.

C. K. Arp, Chairman.

Cement Roofing Tile.

J. S. Freund, General Manager, American
Cement Tile Manufacturing Company,
Pittsburgh, Pa.

Some Principles of Design as Applied to Concrete Houses.

Charles E. White, Jr., Architect, Chicago,
The Fireproof Home.

R. P. Stoddard, Executive Secretary, Society
Advocating Fire Elimination, Cleveland,
Ohio.

TENTATIVE PROGRAM—ELEVENTH ANNUAL CONVENTION. 7

3.00 o'clock P. M.

Report of Committee on Treatment of Concrete Surfaces.

L. C. Wason, Chairman.

A New and Simple Method for Securing Dustless Concrete Floors.

P. M. Bruner, P. M. Bruner Granotoid Company, St. Louis, Mo.

Topical Discussion on the Dusting of Concrete Floors.

8.00 o'clock P. M.

Report of Committee on Edison Fire.

Cass Gilbert, Chairman.

Concrete: A Medium of Æsthetic Expression.

Irving K. Pond, Architect, Chicago, Ill.

Synthetic Stone in Catskill Aqueduct Buildings.

H. Lincoln Rogers, Architect, Board of Water Supply, New York, N. Y.

Friday, February 12, 1915. 10.00 o'clock A. M.

Plant Management and Cost.

Contractor's Equipment, Austin-Nichols Warehouse.

T. A. Smith, General Superintendent, Turner Construction Company, New York, N. Y.

Mechanical Plant for Handling Concrete.

William P. Anderson, President, Ferro Concrete Construction Company, Cincinnati, Ohio.

The Strength of Concrete Forms.

Harrison S. Taft, Contracting Engineer, Seattle, Wash.

Concrete Forms for the Catskill Aqueduct.

Alfred D. Flinn, Deputy Chief Engineer, New York Board of Water Supply, New York, N. Y.

PROPOSED AMENDMENT TO BY-LAWS.

3.00 o'clock P. M.

Report of Committee on Methods of Tests and Standard Specifications for Concrete Materials.

Sanford E. Thompson, Chairman.

Mixing, Curing and Placing Concrete with High Pressure Steam.

Harold P. Brown, New York, N. Y.

Some Further Results Obtained in Investigating the Properties of Portland Cement having a High Percentage of Magnesia.

P. H. Bates, Chemist, Bureau of Standards, Pittsburgh, Pa.

8.00 o'clock, P. M.

Annual Banquet in celebration of Tenth Anniversary.

Proposed Amendment to By-Laws.

The following proposed amendment to the By-Laws will be considered at the Business Session, at 9 o'clock A. M., on Thursday, February 11, 1915.

Change Article IX, Section 2, now reading—

“SECTION 2.—The annual dues of each member shall be five dollars.”

to read—

“SEC. 2.—The annual dues of each member shall be ten dollars.”