

thus to the relations existing between Canada and the United States:—

"The fact that the great nations whose interests are concerned have chosen this method of bringing to a happy conclusion every possible difference is not only an example but a happy augury of future good relations. I trust that the work of delimiting the land boundary will be equally successful and when this is done, there will be set at rest every possible dispute or controversy over boundaries between the two countries."

Sir Robert Borden received the charts in his capacity as Secretary of the State External Affairs, and Mr. J. B. Hunter, Deputy Minister of Public Works.

AMERICAN SOCIETY FOR TESTING MATERIALS.

The 18th annual meeting of this Society will be held at Atlantic City, N.J., June 22-26. The following is a summary of the programme:—

- Tuesday a.m.—General.
 - Tuesday p.m.—Non-ferrous metals.
 - Wednesday a.m.—Steel.
 - Wednesday p.m.—Heat treatment of steel.
 - Thursday a.m.—Testing apparatus.
 - Thursday p.m.—Cement and concrete.
 - Friday a.m.—Ceramics, gypsum and lime.
 - Friday p.m.—Preservative coatings and lubricants.
 - Saturday a.m.—Road materials, timber and rubber.
- In detail the programme is as follows:—

First Session, Tuesday, June 22, 11 a.m.

Minutes of the seventeenth annual meeting; annual report of executive committee. Report of committee D-5 on Standard Specifications for Coal; J. A. Holmes, chairman. Report of committee D-6 on Standard Specifications for Coke; J. A. Holmes, chairman. The Fusibility of Coal Ash; A. C. Fieldner, A. E. Hall and A. L. Field. Report of committee E-5 on Technical Committees; Edgar Marburg, chairman. Report of committee E-6 on Papers and Publications; Edgar Marburg, chairman. Election of officers. Miscellaneous business.

Second Session, Tuesday, June 22, 3 p.m.

Report of committee A-2 on Standard Specifications for Wrought Iron; S. V. Hunnings, chairman. Report of committee A-3 on Standard Specifications for Cast Iron and Finished Castings; Richard Moldenke, chairman. Report of committee A-5 on Corrosion of Iron and Steel; S. S. Voorhees, chairman. Report of committee D-9 on Standard Tests of Insulating Materials; C. E. Skinner, chairman.

Third Session, Tuesday, June 22, 8 p.m.—On Non-Ferrous Metals.

Annual address by the president. Report of committee B-1 on Standard Specifications for Copper Wire; J. A. Capp, chairman. Fatigue of Copper Alloys; Ernest Johnson. Battery Zincs—Some Causes for Defective Service; Robert Job and F. F. White.

Fourth Session, Wednesday, June 23, 10 a.m.—On Steel.

Report of committee A-1 on Standard Specifications for Steel; C. D. Young, chairman. Report of committee A-8 on Standard Specifications for Cold Drawn Steel; C. E. Skinner, chairman. Report of committee E-1 on Standard Methods of Testing; G. Lanza, chairman. Elastic Limit; T. D. Lynch. The Elastic Limit of Steel Determined by Transverse Test, and Its Relation to the Tensile Elastic Limit; W. K. Shepard.

Fifth Session, Wednesday, June 23, 8 p.m.—On Heat Treatment of Steel.

Micrographic Determination of Surface Decarburization in Heat-treated Steels; J. G. Ayers, Jr. The Relation Between Tensile Strength, Brinell Hardness and Scleroscope Hardness in Treated and Untreated Alloy and Plain Steels; R. R. Abbott. Some Neglected Phenomena in the Heat Treatment of Steel; M. E. Leeds. The Charpy Impact Test on Heat-treated Steel; J. J. Thomas. Internal Stresses Developed by Different Quenching Mediums and Their Effects; H. V. Wille.

Sixth Session, Thursday, June 24, 10 a.m.—On Testing Apparatus.

The New Physical and Chemical Laboratory of the Pennsylvania Railroad Company at Altoona; C. D. Young. The Failure of Materials Under Repeated Stress; H. F. Moore and F. B. Seely. A Laboratory Method of Determining Pressure on Walls and Bins; J. Hammond Smith. A Universal Strainometer of Simple Design; S. H. Graf.

Seventh Session, Thursday, June 24, 3 p.m.—On Cement and Concrete.

Report of committee C-1 on Standard Specifications for Cement; G. F. Swain, chairman. Report of committee C-9 on Standard Tests of Concrete and Concrete Aggregates; S. E. Thompson, chairman. Microstructure of Concretes; N. C. Johnson. The Effect of Finer Grinding and a Higher SO₂ Content Upon the Physical Properties of Portland Cement; P. H. Bates. An Investigation of the Strength and Elastic Properties of Concrete-filled Pipe Columns; A. F. Holmes and F. W. Swain. Method of Weight-volumetric Proportioning of Concrete Aggregates in Testing; J. A. Kitts.

Eighth Session, Friday, June 25, 10 a.m.—On Ceramics, Gypsum and Lime.

Report of committee C-3 on Standard Specifications for Brick; A. V. Bleininger, chairman. Report of committee C-4 on Standard Specifications and Tests for Clay and Cement Sewer Pipes; Rudolph Hering, chairman. Report of committee C-6 on Standard Tests and Specifications for Drain Tile; A. Marston, chairman. The Legal Interpretation of the Word "Vitrified" as Applied to Ceramic Products; Edward Orton, Jr. Report of committee C-7 on Standard Specifications for Lime; J. S. Macgregor, chairman. Report of committee D-3 on Standard Specifications for Gypsum and Gypsum Products; R. J. Wig, chairman.

Ninth Session, Friday, June 25, 3 p.m.—On Preservative Coatings and Lubricants.

Report of committee D-1 on Preservative Coatings for Structural Materials; P. H. Walker, chairman. Report of committee D-2 on Standard Tests for Lubricants; C. P. Van-Gundy, chairman. A Cylinder Friction and Lubrication Testing Apparatus; A. E. Flowers.

Tenth Session, Saturday, June 26, 10 a.m.—On Road Materials, Timber and Rubber.

Report of committee D-4 on Standard Tests for Road-Materials; L. W. Page, chairman. Some Experiments on Technical Bitumens; S. R. Church and J. M. Weiss. Report of committee D-7 on Standard Specifications for Timber; H. Von Schrenk, chairman. A Fungus Bed Test of Wood Preservatives; Cloyd M. Chapman. Report of committee D-11 on Standard Specifications for Rubber Products; E. A. Barrier, chairman. Report of committee D-13 on Standard Tests and Specifications for Textile Materials; W. D. Hartshorne, chairman.