

ENGINEERS' MEETING AT SASKATOON

FOLLOWING is the program that has been prepared for the first Western Professional Meeting of the Engineering Institute of Canada, to be held August 8th to 10th at Saskatoon:—

Good Roads Session, Thursday afternoon, August 8th—Opening address, by Dr. W. Murray, president, University of Saskatchewan; "Location, Construction and Maintenance of Earth Roads," by H. R. Mackenzie, chief field engineer, Province of Saskatchewan, Highway Department; "Manitoba's Experience," by A. McGillivray, highway commissioner of Manitoba; "Alberta's Experience," by J. D. Robertson, engineer of highways, Department of Public Works, Alberta; "System of Trunk and Feeder Roads," by W. M. Stewart; "Methods of Financing for Good Roads," by W. H. Greene, assistant city engineer, Moose Jaw; "Provincial Policy of Manitoba," by A. McGillivray; "Provincial Policy of Alberta," by L. C. Charlesworth, deputy minister of public works, Alberta; "Provincial Policy of Saskatchewan," by H. S. Carpenter, deputy minister of highways, Saskatchewan; supper at University of Saskatchewan.

Water Supply and Sanitation Session, Thursday evening, August 8th.—"Rural Community Water Supplies," by E. L. Miles, inspecting engineer, Department of Irrigation; "General Water Supply for Saskatchewan," discussion by various branches; "Rural Sanitation," by W. Muir Edwards.

Concrete Session, Friday morning, August 9th.—"Deterioration of Concrete," by B. Stewart McKenzie, consulting engineer, Winnipeg; "Chemistry of Concrete," by A. G. Blackie, city chemist, Winnipeg; "Concrete in Alkali Soil in Saskatoon," by H. McI. Weir, assistant city engineer, Saskatoon; "Observations of Disintegration of Concrete in Edmonton Districts," by J. A. Kelso, industrial chemist, University of Alberta; "Observations of Concrete Failures," by F. C. Field, city chemist, Calgary (paper prepared by a special committee); "Methods of Proportioning Concrete, Based on Recent Experimental Work," by Duff A. Abrams, professor in charge of laboratory, Lewis Institute, Chicago; lunch at University of Saskatchewan; address by Secretary Keith.

Fuel Session, Friday afternoon, August 9th.—"Fuels of Western Canada," by James White, assistant to chairman, Commission of Conservation, Ottawa; "Briquetting of Lignites," by R. A. Ross (report of Honorary Council for Scientific and Industrial Research); "Experiences with Combustion of Lignites," by E. C. A. Hanson, consulting engineer, Winnipeg; "Fuel Transportation," by W. B. Lanigan, assistant freight traffic manager, C.P.R., Winnipeg; banquet, given by the City of Saskatoon; address by the mayor of Saskatoon; address by President Vaughan.

Professional Session, Saturday morning, August 10th.—"Legislation Governing the Status of Engineers," by F. H. Peters, chief engineer, Department of Irrigation, Calgary; "Draft of Proposed Act Concerning Saskatchewan Engineers," by C. P. Richards; "Suggested Legislation in Manitoba," by W. P. Brereton, city engineer, Winnipeg; "Suggested Legislation, Alberta," by W. M. Edwards; "Proposed Co-operation Between the Engineering Institute of Canada and the Canadian Mining Institute," by F. H. Peters.

On Saturday afternoon, August 10th, there will be an excursion to various points of engineering interest. An excursion for visiting members will also be arranged for Thursday morning, August 8th. A ladies' committee has been arranged to look after wives of members, and entertainments will be provided.

CANADIAN ENGINEERING STANDARDS COMMITTEE

UNDER the chairmanship of Sir John Kennedy, there was recently created in Montreal an organization to be known for the present as the Canadian Engineering Standards Committee. Its primary objects are to secure interchangeability of parts; to cheapen manufacture by the elimination of waste entailed in producing a multiplicity of designs for one and the same purpose; to effect improvement in workmanship and design; and, by concentration rather than by diffusion of effort, to expedite delivery and reduce maintenance charges and storage.

The Canadian Government has officially endorsed the establishment of this committee and has appointed as its nominees Lieut.-Col. W. P. Anderson, C.M.G., chief engineer, Department of Marine; Dr. E. Deville, surveyor-general; Dr. A. B. Macallum, F.R.S., chairman of the Honorary Advisory Council for Scientific and Industrial Research; Lieut.-Col. C. N. Monsarrat, consulting engineer, Department of Railways and Canals; Capt. R. J. Durley, M.B.E., representing the Imperial Ministry of Munitions; Major W. J. Keightley, chief inspector of military stores, representing the Department of Militia; E. O. Way, chief inspector of weights and measures, representing the Department of Inland Revenue; and K. M. Cameron, supervising engineer, Department of Public Works.

The Canadian Manufacturers' Association is represented by William Inglis, of the John Inglis Company, Toronto; and P. L. Miller, general manager of Canadian Vickers, Montreal.

The Honorary Advisory Council for Scientific and Industrial Research is represented by Robert Hobson, president of the Steel Company of Canada, Hamilton; Prof. J. C. McLennan, F.R.S., University of Toronto; R. A. Ross, city commissioner of Montreal; Dr. R. F. Ruttan, McGill University; and Arthur Surveyer, consulting engineer, Montreal.

The Institution of Civil Engineers of Great Britain, at whose urgent request this committee was established, and who fathered the movement for the establishment of the British Engineering Standards Committee, is represented by Sir John Kennedy, consulting engineer, Montreal; W. F. Tye, consulting engineer, Montreal; H. H. Vaughan, general manager of the Dominion Bridge Company, Montreal; and Dr. John Bonsall Porter, professor of mining engineering, McGill University.

The Engineering Institute of Canada is represented by G. H. Duggan, managing-director of the Dominion Bridge Company, Montreal; and Dr. L. A. Herdt, professor of electrical engineering, McGill University.

The Canadian Mining Institute is represented by Dr. Alfred Stansfield, professor of metallurgy, McGill University; and F. H. Crockard, formerly president of the Nova Scotia Steel and Coal Company.

At the organization meeting, Sir John Kennedy, to whom the formation of this committee was suggested by the late Sir John Wolfe Barry, was unanimously appointed chairman. H. H. Vaughan and Capt. R. J. Durley were elected as vice-chairmen; Dr. John Porter, honorary secretary-treasurer; F. S. Keith, secretary.

At the urgent request of the British committee, sub-committees on screw thread and airplane parts were created under the chairmanship of H. H. Vaughan and Capt. Durley, respectively. It is intended that other sub-committees shall be appointed as required.