

PROGRESS IN LIGNITE BRIQUETTING SCHEME

J. M. Leamy Says that Plant Will be Ready for Operation by End of This Year—Particular System to be Used Not Yet Fully Decided

BEFORE the end of the year, the plant for the manufacture of briquettes out of lignite will be ready and the particular system of manufacture decided upon, announces J. M. Leamy, Manitoba's representative on the Lignite Utilization Board of Canada. Active work is proceeding, he states, and out of the thirty debatable points submitted to the board, twenty-five have already been determined and the other five are in process of solution.

The staff at Montreal is busy on the plans for the plant at or in the immediate vicinity of Estevan, the exact location of which will depend chiefly upon the railway facilities available.

There are a number of working mines of considerable capacity in the Estevan district, says Mr. Leamy, so that when the plant is ready for operation, no delay will be occasioned in demonstrating the suitability of the lignite for briquetting purposes.

Practically every plant on this continent has been inspected, says Mr. Leamy, but no data as yet procured has enabled the board to determine absolutely the most suitable process of briquetting. Good briquettes are being made of a high quality, but chiefly from a higher grade of lignite than is available in western Canada.

When the Estevan plant is in operation, the board will have more information at its disposal than has any other body on the continent, declares Mr. Leamy.

The next meeting of the board will be held before May 1st, either in Winnipeg or Regina, and at that meeting the location of the board's permanent headquarters will be determined.

PROGRAMME FOR GOOD ROADS CONGRESS

UNDER the auspices of the Canadian Good Roads Association, the sixth Canadian Good Roads Congress and exhibition will be held May 20th, 21st and 22nd, in the Parliament Building, Quebec City. Registration of delegates will commence at 9 a.m., May 20th, and a half-hour later the president of the association will announce the appointment of nomination, resolution and legislation committees.

The first session will be called to order at 10.30 a.m. by the president, S. L. Squire, and the following have been invited to deliver addresses: Sir Charles Fitzpatrick, lieutenant-governor, Quebec; Hon. Alfred E. Smith, governor, State of New York; Hon. Harris F. Graham, governor, State of Vermont; Hon. Carl E. Milliken, governor, State of Maine; Hon. Calvin College, governor, State of Massachusetts; Sir Lomer Gouin, prime minister, Quebec; Sir William Hearst, prime minister, Ontario; Hon. J. D. Reid, minister of railways and canals, Ottawa; Hon. W. G. Mitchell, provincial treasurer, Quebec; Hon. A. Veniot, minister of public works, New Brunswick; Hon. Findlay MacDiarmid, minister of highways, Ontario; Hon. J. A. Tessier, minister of roads, Quebec; Mayor Lavigne, city of Quebec; O. W. Bedard, president, Quebec Board of Trade; Mayor Noel Belleau, city of Levis; J. A. Duchastel, president, Canadian Good Roads Association; L. Howland, president, Canadian Automobile Association; Hon. Frank Carrel, president, Quebec Automobile Club; and A. L. Caron, president, Quebec Provincial Motor League.

The programme tentatively arranged for the other five sessions of the congress is as follows:—

Afternoon Session, May 20th

Address, "Federal Aid," by Hon. J. D. Reid, minister of railways and canals, Ottawa.

Paper, "Highway Maintenance," by J. A. Duchastel, city manager, Outremont, P.Q.

Discussion by Gabriel Henry, chief highways engineer, Quebec Province.

Paper, "Gravel Roads," by Chas. Talbot, county road superintendent, London, Ont.

Paper, "Surface and Subsoil Drainage and Foundations," by Gabriel Henry.

Morning Session, May 21st

Address, "Roads as an Aid to Agriculture," by Hon. Geo. S. Henry, minister of agriculture, Ontario, and Hon. J. A. Caron, minister of agriculture, Quebec.

Paper, "Hot Mix Asphalt Pavements," by Francis P. Smith, consulting engineer, New York City.

Discussion by E. Drinkwater, consulting engineer, St. Lambert, P.Q.

Paper, "Practical Advice to Road Superintendents and Municipal Councils," by Alexandre Fraser, assistant chief engineer, Highways Department, Quebec Province.

Paper, "Bituminous Macadam, Penetration Method," by A. W. Dean, chief engineer, Massachusetts Highway Commission.

Discussion by E. A. James, chief engineer, York County Highway Commission, Toronto.

Afternoon Session, May 21st

Address, "Shall We Restrict the Load or Build the Road?" by W. A. McLean, deputy minister of highways, Ontario.

Paper, "Concrete in Road Construction, Culverts and Bridges," by Eltinge G. Breed, chief engineer, New York State Highways Department.

Paper, "Construction and Maintenance of Macadamized Gravel Roads," by Alex. Lariviere, engineer, Highways Department, Quebec Province.

Paper, "The Use of Refined Tar in Construction and Maintenance," by Paul D. Sargent, chief engineer, Maine Highways Commission.

Discussion by Alex. Stewart, superintendent, Ottawa Improvement Commission, Ottawa.

Morning Session, May 22nd

Address, "Schools for Highway Engineering," by Prof. A. T. Laing, University of Toronto.

Paper, "Drainage," by Geo. Diehl, chief engineer of Erie County, Buffalo, N.Y.

Paper, "Construction and Maintenance of Macadamized Municipal Roads," by A. Paradis, engineer, Highways Department, Quebec Province.

Paper, "Macadam Roads," by A. P. Sandles, secretary, National Crushed Stone Association, Columbus, Ohio.

Afternoon Session, May 22nd

Address, "Keeping the Highways Open in Winter," by Hon. Frank Carrel, Quebec.

Paper, "Road Machinery," by Prof. A. H. Blanchard, consulting engineer, New York City.

Discussion by E. Fafard, superintendent, plants branch, Highways Department, Quebec Province.

Paper, "A Comparative Study of the Different Methods of Transportation of Road Materials," by E. W. Gauvreau, engineer, Highways Department, Quebec Province.

Paper, "Contracts, the Contractor and Labor vs. Government Construction of Trunk or Main Roads," by Col. W. D. Sohler, chairman, Massachusetts Highway Commission.

The annual dinner will be held at 7.30 p.m., May 20th, at Chateau Frontenac. At noon, May 21st, the annual meeting and luncheon of the Canadian Automobile Association will be held at Chateau Frontenac. At 8.30 p.m., May 21st, the annual general meeting of the Canadian Good Roads Association will be held for the election of officers for the ensuing year and for the reception of the annual report and the financial statement. At noon, May 22nd, the association will give a luncheon, to be followed by a drive around the city.

The Saskatchewan Branch of the Engineering Institute of Canada has decided to support the Edmonton Branch in the latter's request that the next western professional meeting of the institute be held July 10th, 11th and 12th, 1919, in Edmonton. Last year the meeting was held in Saskatoon.