

progress. Recognition of eminent professional status will come with steadfast devotion to statesmanlike policies within and on the borders of the profession.

### DISCUSSING GOOD ROADS AT WINNIPEG

**S**UBSTANTIAL benefit to the country is bound to come from the discussion of the problems of road-making and maintenance at Winnipeg this week. The Seventh Canadian Good Roads Convention contributed much to the returning enthusiasm for solid, practical works of peace. Excepting the supply of power, no public work approaches in importance and urgency the furnishing of adequate primary transportation. The breakdown of the railroads in America has thrown the country violently back upon private and primary means of moving materials and products in order that industry may proceed. This is but another corroboration of the wisdom of those who have been urging the case of the better road, not only at Winnipeg this week, but through many long years, when enthusiasm and support were scant and uncertain.

### PERSONALS

CHARLES JOHNS has been appointed to the position of manager of the street railway of St. Thomas, Ont.

J. F. ROCHE, of Montreal, has been appointed resident engineer at the plant now being erected at Bienfait, Sask., by the Lignite Utilization Board.

A. H. SANCTON, late consulting engineer of the McIntyre mine has joined the force of the Kipawa Pulp & Paper Co., with headquarters at South Temiskaming. He will be construction engineer.

PROF. E. G. MATHESON of the University of British Columbia has been appointed president of the provisional Executive Council of the Association of Professional Engineers of the province of British Columbia.

ALBERT R. RAYMER, a graduate of the University of Toronto with the class of '84, has been promoted from the position of assistant chief engineer of the Pittsburgh and Lake Erie Railroad, to that of chief engineer.

CHARLES HERVE JETTE has resigned his position as assistant engineer, Department of Public Works, Canada, and has accepted a position in the engineering department of the St. Maurice Pulp & Paper Co., Three Rivers, Que.

MORRIS KNOWLES, F. W. THOROLD and E. M. PROCTOR constitute a board of engineers charged with making a complete report on the border water situation to the Essex Border Utilities Commission.

ARTHUR L. FORD, of Calgary, has been elected secretary-treasurer of the Calgary branch of the Engineering Institute of Canada, succeeding C. M. Arnold, who has gone to Lethbridge to accept a position on the construction of the Lethbridge Northern irrigation project.

F. J. CROSSLAND, mining engineer of Vancouver, has been commissioned by the Minister of Mines of British Columbia to carry out a thorough inspection of the hematite and limonite ore deposits of the Clinton Mining Division, in the White River region, and to establish as far as is possible in one season's work the tonnage available of this mineral.

E. L. COUSINS, general manager and chief engineer of the Toronto Harbor Commission was entertained at dinner at the Engineers' Club on Monday evening, May 31st, by the heads of departments of the Commission. Mr. Cousins returned from England a few days ago after an extended business trip. He is submitting a complete report to the Commissioners shortly.

ARTHUR SURVEYER was, on May 27th, elected chairman of the Montreal branch of the Engineering Institute of Canada; James H. Hunter was elected vice-chairman and J.

L. Busfield secretary-treasurer for the ensuing year. J. T. Farmer, O. O. Lefebvre, George R. McLeod, W. J. Francis, J. Duchastel, S. F. Rutherford and K. B. Thornton were elected members of the new council.

A. R. DECARY, of Quebec, at a meeting of the Corporation of Professional Engineers of the Province of Quebec, held on May 27th, was elected as president of the council for the ensuing year. The other members of the provisional body which during the last year has been organizing the corporation on a sound working basis were also elected. The formally-elected council comprises, in addition to the president, the following: Vice-president, Walter J. Francis; honorary secretary-treasurer, Frederick B. Brown; Councillors for the district west of Three Rivers, Arthur Surveyer, W. F. Tye, Walter J. Francis, K. B. Thornton and Frederick B. Brown; Quebec City and east of Three Rivers, A. R. Decary, A. B. Normandin and J. Gibeau.

### OBITUARY

TIMOTHY FOLEY, head of the firm of Foley Bros. & Stewart, railway builders, known from Alaska to Mexico, died recently at St. Paul, Minn., in his 83rd year. Mr. Foley who was widely known in Toronto, built nearly all of the railways in northern Ontario, including the Algoma Central, the Lake Superior branch of the Transcontinental R.R., the Nickel Co.'s line at Sudbury and 600 miles of the Canadian Northern. The Ross-Stratton government offered them the contract to build the Timiskaming and N. O. line in 1902, but they declined. Mr. Foley was president of the First National Bank, and owned ranches, farms and timber limits in Canada and Montana, while the flourishing town of Foley, Minn., is part of the estate. His wealth is estimated at many millions, but nothing will be definitely known for some time in this respect. The Foley boys were interested in the lumber trade and had sawmills at Almonte and Hall, on the Mississippi River 40 years ago. They went west with the C.P.R. builders in the early 80's. Their contracts in Canada which they completed in the early years of the war, were the Ocean Terminals at Halifax, and the nine miles of tunnel through the Rocky Mountains, at Roger's Pass, in Alberta. Mrs. Foley who survives her husband, is advanced in years, and belongs to a widely known Ontario family. She was a niece of the late ex-Premier Alexander Mackenzie.

Herbert Hoover, now president of the American Institute of Mining and Metallurgical Engineers, has applied for membership in the American Association of Engineers. General Leonard Wood is already a member. The engineer is beginning to emerge politically.

The third annual convention of Canadian Chemists was held at Toronto on May 27th and 28th with Professor W. Lash Miller as chairman of the Convention Committee. Meetings were held in the Chemistry and Mining Building of the University of Toronto, interspersed with numerous social diversions and visits to industrial and civic plants.

Sir W. G. Armstrong, Whitworth & Co., Ltd., have taken up the manufacture of water turbines. The present intention of the company is to instal water power plants throughout, manufacturing most of the engineering requirements at their works in Elswick, Glasgow, and Manchester. Probably a great deal of the heavy material will be made at Montreal, where the company already has a works.

Charles Evan Fowler, of New York, with the co-operation of Gustav Lindenthal, associated consulting engineer, is preparing a complete report on the proposed 28-million dollar suspension bridge to cross the Detroit River at Windsor. For the purpose of the report, the assumed span will be about 1,800 ft., there will be two 28-ft. roadways, two 7-ft. sidewalks, two tramway tracks and four steam railway tracks designed for E60 loading.