

of this problem, provided the various counties in the province will take advantage of the Highway Improvement Act, by which they can assume a system of roads for construction and maintenance under a plan which is essentially sound in principle and at the same time not burdensome in cost. So far there are twenty-one counties operating under the Act, but it is very desirable that the remaining sixteen counties in the province should take advantage of the opportunities under which they can secure the highway improvements given. At the same time, in doing this they would be helping to solve one of the problems which will be a very real one during the period of readjustment at the close of the war. In order, however, that this might be done so as to render the maximum of service to our men in the field, and also the counties concerned, organization should be carefully considered and created now and not left over indefinitely. We heartily commend the careful reading of this pamphlet to all county councils who are not now taking advantage of the organization which the Department of Works and Highways is willing to place at their disposal. Road-building is necessarily a slow process. It takes a good many years to complete a county road system, and the work should, therefore, be financed on the annual basis. The Act is sufficiently flexible to meet special conditions on an equitable basis. The provincial subsidy is 40 per cent. of the total expenditure. For every thousand dollars spent by the county the province contributes \$666, and the county thus has \$1,666.66 available. Furthermore, the province also contributes 20 per cent. of the total cost of maintenance.

PERSONAL.

F. W. BLYTHE, for fifteen years district manager of the Canadian Allis-Chalmers, Limited, at Winnipeg, has been promoted to the head office of this company at Toronto.

CHARLES LEWIS WILSON, assistant general manager, Toronto and York Radial Railway, has been elected vice-president of the Canadian Electric Railway Association for the current year.

WILL HAYLMORE, superintendent at the Coronation gold mine, on Cadwallader Creek, in the Bridge River section of Lillooet district, British Columbia, has joined the 6th Field Company, Canadian Engineers, for overseas service.

O. J. ROOT, president of the Root and Vandervoort Engineering Co., East Moline, Ill., who is making a business trip through Canada, paid a visit to Toronto on his way to St. John, N.B.

W. L. McFAUL, formerly assistant in the city engineer's department, Sault Ste. Marie, has been appointed city engineer to succeed W. W. Van Every, who has been appointed manager of the Sault Ste. Marie Water and Light Commission.

Dr. J. S. PLASKETT, Dominion Government observer, delivered a lecture on October 4th before the Victoria Branch, Canadian Society of Civil Engineers, on the new observatory and telescope in process of completion at Little Saanich Mountain, Victoria, B.C.

J. F. S. MADDEN, formerly manager of the Canadian General Electric Company at Winnipeg, has been promoted to the head office of the company at Toronto. Mr. Madden was a member of the Winnipeg branch of the Electrical Section of the Canadian Society of Civil Engineers. He will be succeeded at Winnipeg by

GEORGE R. WRIGHT, formerly assistant district manager of the company at Vancouver.

W. P. KELLETT, of Brantford, Ont., has been appointed a member of a board of engineers which is soon to make a valuation of all railway properties in Canada, under the direction of the commission recently appointed to inquire into railways and transportation. Mr. Kellett is connected with the Dominion Steel Products Company, Brantford, whose plant is now under construction, and was formerly chief engineer of the Lake Erie & Northern Railway, which is now part of the C.P.R. system.

Lieut.-Col. CHARLES H. MITCHELL, D.S.O., of Toronto, has been appointed to the position of First Staff Officer of the second British army in France, the most important post yet given to a Canadian by the British military authorities. Before the war, Colonel Mitchell was an officer in the Corps of Guides, and was head of the firm of C. H. & P. H. Mitchell, consulting engineers, Toronto. He is also a former chairman of the Toronto branch of the Canadian Society of Civil Engineers.

OBITUARY.

ROBERT BURNS McLELLAN, a civil engineer of Vancouver, died recently at the age of 27. Mr. McLellan was a graduate of McGill University where he obtained the degree of B.Sc., and in partnership with Mr. R. Horie had opened an office in Vancouver as civil engineer and land surveyor.

Private JOHN SANDFORD TAYLOR, who is reported to have lost his life at the front, was born at Bothwell, Ont., and educated at St. Andrew's College and at the University of Toronto. At the latter institution he qualified as a mining engineer. He practised his profession subsequently in the Porcupine district. Private Taylor went overseas with the Borden Armored Battery in April, 1915.

Major JAMES SHEPPARD, of Queenston, Ont., superintendent of the Welland County good roads system for the past three years, was struck and killed by an M.C.R. train on October 10th while driving his auto over the railway crossing at Brookfield. Mr. Sheppard was 72 years of age and had been a resident of Queenston for over 50 years. He was a delegate to and a director of the first good roads association organized in this province, becoming vice-president and manager. Later he was demonstrator with the Sawyer-Massey Co. for its road machinery, and had charge of the building of one mile of sample macadam road in each of twelve eastern Ontario counties. After that he was sent to British Columbia by the Dominion Government to aid in the promotion of good roads. He had also built Dundas Road in York County, Ont., and Queen Street from Toronto to Etobicoke, Ont. Last year alone, \$232,000 was spent on good roads in Welland county under his supervision.

COMING MEETINGS.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS, Toronto Section. Meeting will be held at 8.15 p.m. on Friday, October 20th, 1916, at the Engineers' Club, when an address will be given on "Accident Prevention," by Charles B. Scott, general manager, Bureau of Safety, Chicago. Secretary, Wills Maclachlan, 910 Excelsior Life Building, Toronto.