

PERSONALS

HENRY WICKSTEED, chief locating engineer of the Canadian Northern Railway, recently addressed the Toronto branch of the Engineering Institute of Canada on the economic aspect of the new tunnel at Montreal. While Mr. Wicksteed discussed the project chiefly from the financial and economic side, he also briefly outlined the engineering features of the work.

W. R. WORTHINGTON, whose appointment as acting engineer of the Ontario Board of Health was recently announced, was born in Toronto and educated in the public schools in



that city. After matriculation at Harbord Collegiate he attended the University of Toronto, and in 1905 completed a post graduate course in civil engineering. Having had experience during summer vacations on the staff of the Department of Works, Toronto, after graduation Mr. Worthington was appointed assistant engineer of the sewer section of that department. In 1912 he was promoted to be engineer in charge of the section. This position will be retained by Mr. Worthington as the arrangement with the province is only a temporary one, pending the return of Capt. Dallyn, from Siberia. By arrangement between the city and the province, Mr. Worthington is giving without remuneration about half of his time to the work of the provincial department.

JAMES POWELL, chief draftsman of the motive power department of the Grand Trunk Railway, has retired after thirty-six years' service. Mr. Powell is secretary of the Canadian Railway Club.

LIEUT. W. D. STAVELY, of Montreal, formerly of the Canadian Engineers, but for the past two years serving with the Royal Engineers, has been awarded the Military Cross for conspicuous gallantry. He is a graduate of McGill University in civil and electrical engineering.

C. H. RUST, of the engineering staff of the Toronto Power Co., addressed the members of the Toronto branch of the Engineering Institute of Canada last Tuesday evening on "The Water Supply of the City of Victoria, B.C." The meeting was held in the Chemistry and Mining Building, University of Toronto. Until a few months ago Mr. Rust was city engineer of Victoria.

A. W. CAMPBELL, who until recently was Deputy Minister of Railways and Canals, has been appointed by the Dominion Government to report on the part which the government should play in the good roads movement. A number of bodies have urged that Federal aid be granted for the construction and improvement of highways, so Mr. Campbell has been asked to study the conditions. He is widely known as "Good-Roads Campbell," having been very much interested in the Ontario road system when he was Deputy Minister of Public Works for that province about eight years ago.

MAJOR C. AUSTIN BELL, who graduated from the University of Toronto in 1914, and who was dangerously wounded at Amiens on August 8th, losing both legs and the sight of one eye, has been awarded a bar to his Military Cross. Enlisting as a sapper in the 2nd Field Company, Canadian

Engineers, he went overseas with the first contingent, and won rapid promotion and honors on the field. He was wounded at Ypres in April, 1915, and again a year later. Prior to enlistment he was Mines and Maintenance Engineer of the Canadian Copper Co. at Copper Cliff.

J. G. LAMB, formerly acting city engineer of Port Arthur, Ont., has resigned in order to accept an appointment with the Kipawa Fibre Co., of Temiskaming. Mr. Lamb will be associated with the engineering part of the construction of the company's new townsite, where housing accommodations will ultimately be provided for about 7,000 people. The general construction contract is held by the Fuller Construction Co. Thos. Adams is advising on town planning. R. S. Lea and H. S. Ferguson are the consulting engineers, both for the town and in connection with the power development and mill building.

OBITUARY

GEO. C. LEGGE, resident superintendent for the Warren Bituminous Paving Co. on road construction at Sarnia, Ont., died December 1st from pneumonia, following influenza. Mr. Legge was in his fortieth year. Before joining the Warren company he had been engaged in prospecting and mining operations in New Ontario. He was a brother of W. H. Legge, Canadian superintendent of the Warren company.

SUSPENSION CABLES FOR BIG SPAN

IN the article by S. Svenningson published in the November 28th issue of *The Canadian Engineer*, prominent reference was made to the wire rope suspension cables used for the 4,800-ft., clear span transmission line which the Shawinigan Water and Power Co. built across the St. Lawrence River.

These cables and the tests on same were described in considerable detail on page 477 of the above-mentioned issue.

It has just been called to the attention of *The Canadian Engineer* that these cables, which, with the towers, comprise the main structural features of the undertaking, were "made in Canada," which is a point deserving of being put on record in connection with the description of such an important span. These cables were manufactured by the Dominion Wire Rope Co., Ltd., of Montreal.

WILL PROCEED WITH WELAND CANAL

AS a part of the reconstruction program of the Dominion government, Hon. Dr. Reid, Minister of Railways, will at once proceed with the completion of the Welland Canal. This is the announcement that has been sent out from Ottawa by the Canadian Press, Ltd.

The estimated cost of the work embraced in the four main contracts under which construction was being carried on at the outbreak of the war, was twenty million dollars, of which twelve million dollars has already been expended. In addition to the estimated value of the main contracts, there were other necessary expenditures in contemplation for land, cement, structural steel bridges, lock gates, valves, etc., amounting to about eight million dollars, of which four million dollars had already been expended.

The Minister of Railways expects that there will be engaged during the winter a force of about eight hundred men preparing for the reopening of the work in the spring, when about four thousand will be engaged. Dr. Reid also expects to finish up work remaining to be done to complete the Trent Canal.

The Sixth Canadian Good Roads Congress will be held next May in Quebec, P.Q. A committee of six members has been appointed to arrange a program. There will be a number of addresses upon technical road-building subjects.