

and burden upon the body politic, whether owed to investors at home or abroad.

Our war expenditures are approximately \$1,000,000 daily. Up to July 20th, last, the war expenditure in Canada was \$388,627,000 and elsewhere, \$234,600,000, making the total to that date, \$623,000,000. Since then, the war expenditures have been approximately \$167,000,000, making a grand total of \$790,000,000 to the end of 1917.

Dominion revenues for the seven months ended October last, of the current fiscal year, totalled \$145,719,000, an increase of 11 per cent. over the corresponding period of the previous year. The gain was largely due to customs collections which changed from \$75,000,000 to \$91,763,000 in the seven months period of the two years respectively. Expenditures on capital account reached \$144,213,352, of which \$133,254,798 was due to the war, and \$10,599,242 was on account of public works. In the previous year the war expenditure for the same period was \$127,487,147, and the public works expenditure, \$13,540,236.

### PERSONALS

R. H. LONG has been appointed power superintendent of the Winnipeg Electric Railway. Mr. Long was formerly electrical superintendent.

JOHN N. TIMURLAKE, formerly power apparatus sales engineer for the Northern Electric Company, has resigned his position to become Montreal district sales manager of R. E. T. Pringle, Limited.

Lieut. ALLAN LESLIE has been invested with the Military Cross. He is a graduate of the School of Practical Science, Toronto, and before going overseas was connected with the Bell Telephone Company.

W. J. WILKINSON, formerly manager of the Northern System of the Ontario Hydro-Electric Commission, with headquarters at North Bay, has accepted a position as manager of the North Bay Toy Company.

J. D. CUMMING, formerly with the Canadian Copper Company, Copper Cliff, Ont., has accepted the position of assistant to works manager of the Westmount plant, P. Lyall & Sons Construction Co., Limited, Montreal.

Lieut. ORVILLE DOUGLAS VAUGHAN, of the Applied Science Class, '17, formerly at the C.A.S.C. depot at Ross Barracks, Shorncliffe, Eng., has been discharged in order to undertake special work under the Ministry of Munitions.

Lieut. O. B. McCUAIG, B.A.Sc., of the University of Toronto, has been awarded the Military Cross. Lieut. McCuaig was quartermaster-sergeant with the 2nd Field Company, Civil Engineers, and was later promoted to be lieutenant.

Lieut. ROBERT VERNON MACAULAY, B.A.Sc., has been awarded the Military Cross. He enlisted as bombardier with the Canadian field Artillery and was promoted to a lieutenantancy on the field in June, 1916. He was on the headquarters staff during the winter months of 1916-17.

HARRY F. CLAYTON has resigned as works engineer of the Thor Iron Works, Toronto, and has accepted a position as Ontario representative of the Joliette Steel and Iron Foundry Company, Limited, of Joliette, P.Q., manufacturers of steel castings. Mr. Clayton has opened an office at 407 Lumsden Bldg., Toronto.

Major J. A. TREBILCOCK, a graduate of Forestry, class of 1915, School of Applied Science, Toronto, enlisted as a gunner with the C.F.A. He secured a commis-

sion in the Royal Field Artillery on reaching England. Since then he has been promoted first lieutenant, captain in April last, given the Military Cross in September, and now is serving in Italy with the rank of major in the Imperial forces.

### OBITUARIES

WILLIAM EARLE, C.E., former manager of the St. John Street Railway, and latterly district engineer of Dominion Public Works in Manitoba, died last week.

J. H. SMITH, secretary-treasurer of the William Hamilton, Co., Limited, Peterborough, Ont., died Monday, January 7th, after very brief illness. He was a member of the City Council and the Board of Education.

Captain W. J. WILSON, a graduate of McGill University in civil engineering, class of 1913, was killed in action December 31st. He went overseas with the 74th Battalion as lieutenant in March, 1916, and later became attached to the 2nd Canadian Mounted Rifles. He won his captaincy on the field.

CHARLES UNWIN, Dominion and Ontario land surveyor, who died in Toronto recently, was born in Mansfield, Notts, Eng., December 30th, 1829. After having served as assessor for many years, he became city surveyor of Toronto in 1905, and held that position until 1910, since which time he had been on the city surveyor's staff as consultant. He studied his profession under the late J. Stoughton Dennis at Weston, Ont., and received his "certificate of admission as a provincial land surveyor in and for Upper Canada" on April 12th, 1852. One of the most important of his works was the survey of the Thousand Islands in the St. Lawrence River.

### CAN. SOC. C.E., TORONTO BRANCH

That the members of the Toronto branch of the Canadian Society of Civil Engineers have shown considerable interest in the nomination of officers and members of committees for 1918, is evidenced by the fact that the following names will be submitted to the meeting to be held this evening, when officers and committeemen are to be elected:—

For chairman of the branch—Messrs. P. Gillespie (university), and A. H. Harkness (private practice).

For secretary—Messrs. W. S. Harvey (city), G. Hogarth (government), E. M. Proctor (private).

For committeemen, six of whom are to be elected—Messrs. J. R. W. Ambrose (railway), Frank Barber (private), E. T. Brandon (hydro), W. A. Birche (hydro), Willis Chipman (private), E. L. Cousins (harbor), W. Cross (harbor), F. A. Dallyn (government), T. U. Fairlie (hydro), R. Ferguson (harbor), N. R. Gibson (hydro), F. B. Goedike (harbor), H. A. Goldman (harbor), H. E. T. Haultain (university), T. Hogg (hydro), H. W. McAll (city), W. A. McLean (government), N. McLeod (contractor), J. Milne (city), P. H. Mitchell (private), E. G. Newsom (railway), J. N. Stanley (hydro), T. Taylor (city), E. T. Wilkie, F. Willsie (harbor), W. R. Worthington (city), R. O. Wynne-Roberts (private).

The following is an unusual accident which destroyed an oil distributor, tank and 100 ft. of road surface. A live coal, dropped on the road by the steam roller pulling the oiling equipment, ignited the hot-oil spray and set fire to the oiling equipment.