

PERSONALS

H. R. SAFFORD, chief engineer of the Grand Trunk Railway, has been nominated for the vice-presidency of the American Railway Engineering Association.

E. A. O'DONNELL, recently appointed superintendent of terminals of the Southern Pacific at Houston, Texas, was born at Navan, Ont., and received his upper school education in Ottawa.

Bomber H. B. NORWICH, a student of applied science, class of 1916, University of Toronto, has returned to Toronto after three years of active service. Bomber Norwich enlisted in the 2nd Division Cycle Corps and went to England with the 2nd Contingent.

Captain R. J. DURLEY, M.E., Montreal, has been made a member of the Order of the British Empire. Captain Durley, who is by profession a consulting engineer, specializing in heating and ventilation, holds a position in Ottawa under the Imperial Munitions Board.

Capt. A. ROSS ROBERTSON, B.A.Sc., of the class of 1909, who went overseas with the 169th Battalion, has reverted to the rank of lieutenant for service in France with the 20th Battalion. He had previously been attached to the headquarters staff at Shorncliffe, England.

Major A. P. LINTON, a student of mechanical engineering, class of 1906, University of Toronto, crossed to France with the 1st Pioneer Battalion, which later became the 9th Canadian Railway Troop. Major Linton enlisted as captain and has recently received his promotion.

Lieut. J. MURRAY ROBERTSON, B.A.Sc., 1914, a brother of Capt. A. R. Robertson, who went overseas with the 14th Battery, C.F.A., has seen service on many fronts. He went over as sergeant but was given a commission in the Royal Field Artillery. He is at present in Palestine.

Lieut. HAROLD H. VROOM, B.Sc., a member of the class of 1910 of McGill University, has had an invention, the Vroom hydrophone, accepted by the British Admiralty. He enlisted in 1916 as sub-lieutenant in the Motor Patrol service, was promoted to the rank of sub-lieutenant in 1917, and is now in the British Naval Service.

Major E. R. BIRCHARD, a B.A.Sc. of the class of 1909, University of Toronto, enlisted in Toronto with the rank of sergeant-major in the Eaton Machine Gun Battery, 2nd Contingent. He crossed to England as lieutenant with this unit, but transferred to the 4th Division Supply Column, C.E.F., for service in France. He was later promoted captain, and in January of last year became C.O. of this division.

SIR JOHN WOLFE BARRY

Death has claimed Sir John Wolfe Barry. He died in London, England, January 22nd. He was born in 1836 and during his illustrious engineering career was connected with numerous important engineering projects. He was appointed by the British government on the Royal Commission on Irish Public Works (1886) and on the Western (Scottish) Highlands and Islands Commission (1889). He was connected with numerous engineering and allied societies, member of the Army Railway Council and consulting engineer to many railway and public works corporations. He was also author of several engineering text books, among them being "Railway Appliances" and "Details of Railway Construction."

FOURTH ANNUAL CONFERENCE ON ROAD CONSTRUCTION

The fourth annual conference on road construction for county road superintendents and engineers will be held in the Parliament Buildings, Toronto, February 25th to 28th, inclusive.

These conferences, which have been held during the past three years, have proved very practical, as they enable those concerned with the design, construction and maintenance of roads throughout the province to meet and discuss various phases of highway work. Problems are brought before many minds trained along the same lines and the general discussions result in the birth of new ideas and the adjustment of old ones, and altogether the conferences have been helpful to all those who have had the privilege of attending them.

In the past the practice has been to have the various subjects on the program introduced by short addresses from engineers connected with the Ontario Department of Public Highways, under whose auspices the conference is held. This year a change has been made and some of the subjects for discussion will be introduced by the superintendents and county engineers.

Many of the papers will be illustrated by lantern slides.

Inasmuch as the 16th annual meeting of the Ontario Good Roads Association will be held in Toronto on February 27th, 28th and 29th, it will be possible for the superintendents and engineers who come to Toronto for the conference on road construction to also attend the last three sessions of the Ontario Good Roads Association meeting. The program for the conference follows:—

Monday, February 25th

Morning Session: 10.30 a.m.—Introductory address by the Hon. F. G. Macdormid, Minister of Public Works and Highways. 11.00 a.m.—"Municipal Drainage as Related to Highway Construction," by G. R. Marston, C.E., Simcoe, Norfolk County engineer and road superintendent.

Afternoon Session: 2.00 p.m.—"Gravel Road Construction in Middlesex County," by C. Talbot, London, Middlesex County engineer and road superintendent. 3.30 p.m.—"Ontario Highway Laws," by W. A. McLean, Mem.Can.Soc.C.E., Toronto, Deputy Minister of Highways.

Tuesday, February 26th

Morning Session: 9.00 a.m.—"Legal and Engineering Features of the Elimination of Grade Crossings," by E. R. Blackwell, C.E., M.Can.Soc.C.E., Brockville, Leeds and Grenville county engineer and road superintendent. 11.00 a.m.—"Better Bridges and Culverts," by A. Sedgewick, Toronto, assistant engineer, Department of Public Highways.

Afternoon Session: 2.00 p.m.—"Bituminous Surfaces in York County," by E. A. James, C.E. (Tor.), M.Can.Soc.C.E., Toronto, engineer to the Board of Highway Commissioners, York. 3.30 p.m.—"Heavy Grading of Earth Roads in Lincoln County," by P. Robertson, Beamsville, Lincoln County road superintendent.

Wednesday, February 27th

9.30 a.m.—"Preliminary Work on Provincial Highways," Geo. Hogarth, O.L.S., Assoc.Mem.Can.Soc.C.E., Toronto, engineer of highways, Department of Public Highways. 11.00 a.m.—"Clay Road Maintenance