

## PERSONALS

HARRY ROBINSON SAFFORD, who was recently elected president of the American Railway Engineering Association, is well known in Canada, having been chief engineer of the Grand Trunk Railway for seven years. Mr. Safford was born in Madison, Ind., and educated in civil engineering at Purdue University. He joined the engineering staff of the



Illinois Central Railway in 1895 and was with that company for 15 years, being successively rodman, instrumentman, assistant engineer of construction, division roadmaster in charge of maintenance, principal assistant engineer, assistant chief engineer and chief engineer of maintenance-of-way. In 1910 he was appointed assistant to the president of the Edgar Allen American Manganese Steel Co., but returned to railway work within a year, as the chief engineer of the Grand Trunk

system, which position he held until 1918, when he was appointed by the United States Railroad Administration as engineering assistant to the regional director of the central western region. When the United States government returned the railways to private ownership, Mr. Safford became assistant to the president of the Chicago, Burlington & Quincy Railroad. He is a member of the American Society of Civil Engineers, and was until recently one of the seven members of its committee on development. He is also a member of the Engineering Institute of Canada, and from 1916-8, inclusive, he was a councillor of the institute.

C. B. SMITH has been appointed roads inspector of Sherwood Municipality, Sask.

J. B. FRASER has been appointed chairman of the Ottawa improvement Commission, succeeding Sir Henry Egan.

J. B. TYRRELL, of Toronto, has been retained as consulting engineer by the National Mining Corporation, Ltd., of London, Eng.

ERNEST SMITH, of Edmonds, B.C., has been appointed municipal engineer of Burnaby, B.C. There were five applications for the position.

A. M. WEST, city engineer of North Vancouver, B.C., has resigned in order to enter business on his own account. Mr. West's resignation will take effect April 15th.

H. A. GOLDMAN, who has been acting secretary-treasurer of the Toronto Branch of the Engineering Institute of Canada since the resignation of W. S. Harvey, has been elected permanent secretary-treasurer.

M. N. McDOWALL, street commissioner of Owen Sound, Ont., recently celebrated his thirtieth anniversary in that position. Mr. McDowall succeeded his father as street commissioner. The town council commemorated the anniversary by granting Mr. McDowall an increase in salary.

WILLIAM K. SANDERSON, chairman of the St. Thomas Hydro-Electric Utilities Commission, was elected president of the Ontario Municipal Electric Association at the recent annual meeting of that association. JAMES E. BANWELL, manager of the Winder "Hydro," was elected first vice-president.

MAJ. E. G. M. CAPE, contractor, of Montreal has been nominated by the Montreal Administrative Commission as one of its two representatives on the Montreal Charter Commission. The latter commission is being formed by the provincial government to report on the most advisable form of civic government for Montreal.

ROY M. WOLVIN, vice-president and managing director of Halifax Shipyards, Ltd., was last week elected president of the Dominion Steel Corporation and of its subsidiary companies, succeeding Mark Workman, who recently resigned. Mr. Workman becomes chairman of the board of directors of the company and a member of the London Advisory Committee.

HENRY J. CAMBIE, chief engineer of the Esquimaux & Nanaimo Railway, has retired from active work at the age of 84, and after a railway engineering career of more than 60 years. Mr. Cambie was born in 1836 in Ireland. In October, 1852, he entered the engineering office of the Toronto & Guelph Railway, which was later absorbed by the G.T.R. From 1853-9 he was with Gzowski & Co., contractors on the G.T.R., and for the two following years he explored Northern Ontario and surveyed land for the provincial government. From 1863-9 he surveyed for the Intercolonial and Annapolis railways, and from 1870-3 was engaged in Intercolonial Railway construction. In 1874 and 1875 he was engaged in land surveys in British Columbia and for the following four years was in charge of surveys in that province for the C.P.R. From 1880-3 he was in charge of C.P.R. construction in the Fraser River canyons, and in the following two years he built the Savona section of the C.P.R. From 1886 to 1903 Mr. Cambie was in charge of maintenance of the main line and all branches of the C.P.R. in British Columbia. From 1905-7 he supervised the construction and maintenance of subsidiary lines, and since 1908 he has held the position from which he now retires. Mr. Cambie is a member of the Engineering Institute of Canada and of several other societies, and upon five different occasions he was elected a councillor of the institute.

## OBITUARIES

ALEXANDER DAVIDSON, of Davidson Bros., contractors, Winnipeg, died last week at the age of 68. Mr. Davidson was born in Leeds, Ont.

CESAIRE LEMAY, contractor, of Montreal, died last week at the age of 74. Mr. Lemay was formerly an alderman of Montreal. He was born at St. Jean Deschailions, Lotbiniere County, Que.

GEORGE CRAIN, of Beamsville, Ont., died last week in Brockville after a stroke of paralysis. He was born March 29th, 1841, at Maitland, Ont. For a number of years Mr. Crain was a building contractor in Ottawa until 1884, when he moved to Brockville and formed a partnership with the late John Mix. The firm of Crain & Mix built many of the most important factories, stores, etc., in Brockville. Mr. Crain took an active interest in civic affairs and at one time was a member of the Brockville council.

Hon. J. D. Reid tabled a report in the House of Commons last week, dealing with the Canadian National Railways, which showed that \$5,929,790 had been expended during 1919 in construction work on 16 different sections.

W. G. Chace, chief engineer of the Greater Winnipeg Water Board, presided last week at a meeting held in the Olympia Hotel, Winnipeg, for the purpose of discussing the desirability of the establishment of a provincial research bureau. Speeches were made by Mayor Gray; Prof. Dorsey, of the University of Manitoba; L. H. Carter, president of the Board of Trade, and others. All speakers agreed that a research bureau should be established without delay and preferably in connection with the university. A committee, with Mr. Chace as chairman, was appointed to discuss the suggestion with the board of the university and, if necessary, to interview the provincial government.