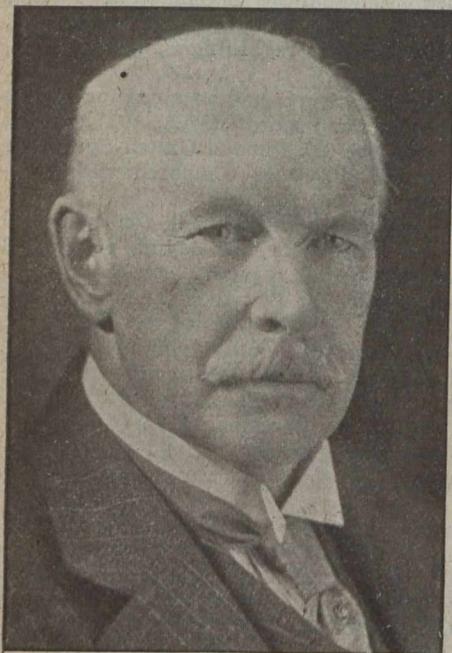


PERSONALS

C. V. PUTMAN, formerly assistant engineer, waterworks department, city of Ottawa, is now in the efficiency department of the Civil Service Commission.

PHELPS JOHNSON has resigned the presidency of the Dominion Bridge Co., Ltd., although he remains on the Board of Directors. Mr. Johnson wished to resign a year ago, but



at the annual meeting held early in 1918 he agreed to remain in office for another twelve months. Mr. Johnson joined the company in 1882 as vice-president, after having had several years' experience with three different bridge companies in the United States. Having acted for some years as vice-president, he undertook the duties of chief engineer, and for a considerable period was very active in the design and erection of many of Western Canada's most important structures. Subsequently he returned to

Montreal as vice-president and general manager of the company, which office he retained until 1912, when he became president upon the death of the late James Ross. Mr. Johnson has also been president of the St. Lawrence Bridge Co., Ltd., since the incorporation of that concern in 1910. He conceived and proposed the "K"-web system used for the Quebec bridge, having become convinced that the initial cause of failure of the Phoenix Company's bridge was the high intensity of pressure and consequent distortion and displacement of material at the bearing edges of the lower chord sections of the anchor arm. He was the organizer of the St. Lawrence Company, having been the man who decided that there should be at least one bid from a Canadian company for the building of such an important Canadian structure. He evolved the idea of floating the suspended span and hoisting it into position, and he was the executive head of the big organization that planned and carried out the design and construction of the whole bridge. Mr. Johnson was born October 23rd, 1849, in Warwick, N.Y., and was educated at the public schools of Springfield, Mass., and at Goldthwait's private school, Longmeadow, Mass. He was vice-president of the Canadian Society of Civil Engineers in 1907 and was president in 1913. He also served as a member of the council from 1904-6 and 1910-12. Mr. Johnson is a bachelor and has resided for many years at the Windsor Hotel, Montreal. On the ground floor of this hotel he has had, for many years, a private office at which he could nearly always be found at certain periods of the day. This office was frequently used for board meetings and other important business, but was also popular as a meeting place for scores of structural engineers and old business friends of Mr. Johnson, few of whom ever failed when in Montreal to call and pay their respects.

ROLAND C. HARRIS, works commissioner of the city of Toronto, will address the Engineers' Club of Toronto at 8 o'clock to-morrow evening. Mr. Harris' subject will be "The Bloor Street Viaduct."

B. E. NORRISH, formerly superintendent of the Commercial Exhibits Branch, Department of Trade and Commerce, Ottawa, has been appointed as official in charge of moving

picture publicity work for the Dominion Government. Mr. Norrish is making arrangements for the exhibition of films showing Canadian water powers and other natural resources. These pictures will be shown in the United Kingdom, the United States and the British Dominions.

W. S. HARVEY, until recently construction engineer for Leaside Munitions, Ltd., has been appointed engineer of sewers, Toronto Harbor Commission. Under the direction of George Clark, designing engineer to the Commission, Mr. Harvey will prepare plans for the drainage of the Ashbridge's Bay Industrial Area and for the extensions to the city's main sewer outlets beyond the fill along the waterfront. Mr. Harvey spent several years in the sewer section of the Department of Works, Toronto, and was formerly assistant city engineer of Lethbridge, Alta.

G. H. DUGGAN, vice-president and managing director of the Dominion Bridge Co., Ltd., was last week elected president of the company in place of Phelps Johnson, who has resigned. Mr. Duggan graduated from S.P.S., University of Toronto, about 1883. A few years later he entered the employ of the Dominion Bridge Co., becoming chief engineer in 1891. In 1902 he resigned to become assistant to the president of the Dominion Iron & Steel Co., and in 1904 was appointed second vice-president and general manager of the Dominion Coal Co. About six years later he rejoined the Dominion Bridge Co. as general manager. During the design and construction of the Quebec Bridge, Mr. Duggan was chief engineer of the St. Lawrence Bridge Co., Ltd. He is also a director of the Royal Bank of Canada, the Montreal Trust Co., the Hillcrest Collieries and many other engineering and business concerns.

OBITUARY

JULIUS E. WATEROUS, one of the founders of the Waterous Engine Works at Brantford, Ont., passed away last Saturday at the age of 75. Mr. Waterous was vice-president of the company. He took an active part in the early development of Western Ontario municipalities by the installation of waterworks, which was a specialty of the Waterous company in its earlier career. Mr. Waterous is survived by two sons who arrived home from France only a few days before his death, by a widow and by three brothers, two of whom are connected with the firm in Brantford and one of whom is a prominent manufacturer in St. Paul.

Archibald and Holmes, Ltd., contractors, have moved to new offices in the Continental Life Building, Toronto.

The date of effect of the recent order of the Canadian Railway War Board providing for payment of all transportation charges in cash, has been postponed from January 1st to March 1st in order to give business firms sufficient time to make the necessary arrangements for complying with the new conditions. All transportation charges, including demurrage and storage costs, must now be paid for in advance just as in the case of ordinary passenger traffic. Ninety-six hours credit may, however, be given upon the furnishing of a bond attested to by a bank, trust company or guarantee company.

The eleventh general annual assembly of the Royal Architectural Institute of Canada will be held to-morrow and Saturday at Montreal. The inaugural address will be delivered by G. A. Monette, president of the Province of Quebec Association of Architects. The response will be delivered by J. P. Ouellet, president of the Royal Architectural Institute. To-morrow evening there will be a joint meeting with the Province of Quebec Association of Architects at the Arts Club, at which there will be a discussion on housing and lectures by Charles H. Whitaker, secretary of the Post-War Committee of the American Institute of Architects; and by Thomas Adams, town planning adviser to the Commission of Conservation. Alcide Chausse is the honorary secretary of the Royal Architectural Institute of Canada.