

mentation. The cost is placed at \$900,000 as a preliminary estimate.

Toronto, Ont.—The Canadian Stewart Co. has a new steel tug under construction at Grand Haven, Mich., to be used for towing barges in connection with their waterfront development contract. The tug is 82 ft. long, 20-ft. beam, and 10 ft. deep. She is equipped with a fore and aft compound engine 16-34 x 26. Her steam will be furnished with a Scotch boiler 10.3 ft. in diameter and 11 ft. long.

St. John, N.B.—The Board of Trade has adopted resolutions directed to the Dominion and Provincial governments anent the connection of the Transcontinental with the City of St. John. The city is working energetically to secure the best possible connection with the railway, which to them, in consideration of the improvement of the I.C.R. and the construction of new terminals at Halifax, is taking on the appearance of favoring the latter city unduly.

Victoria, B.C.—About 13,000 sq. yds. of pavement work, a part of the city engineer's programme for 1915, have been completed. Work on the construction of the outfall for the northwest sewer system at Macaulay Point has been delayed by reason of the prevalence of winds, the rough water preventing the work being carried on. The necessary materials are on the ground, and as soon as weather conditions permit, the work will be rushed ahead.

Victoria, B.C.—The Dominion Government has a model of the new Victoria telescope now under construction, on view at the Panama-San Francisco Exposition. This is the largest telescope in the world. A description of it appeared in *The Canadian Engineer* for Dec. 10, 1914. It is for the Dominion observatory to be constructed on Little Saanich Mountain. The contract for the building itself has just been awarded to the McAlpine-Robertson Co., of Vancouver.

Montreal, Que.—The widening of the city aqueduct by the Cooke Construction Co. is being continued. There had been some idea of stopping the work for the present, but the Board of Control decided otherwise at a meeting last week. The whole scheme, first launched in 1913, takes in not only the widening of the canal—which is five miles in length—to give means for generating power for the electric lighting which Montreal will need for a long time, and thus effect the elimination of the steam pumps except as auxiliaries, but it also provides for boulevards on each side of the aqueduct; all this in addition to the erection of the electrical plant and a filtration plant.

PERSONAL.

L. S. COCKBURN, B.A.Sc., has been appointed heating engineer for the Glass Garden Builders, Limited, Toronto.

E. J. HOLLAND, city engineer of Guelph, Ont., is resigning to engage in private engineering work in several western Ontario towns.

W. J. DICKSON, graduate of Manitoba University in electrical engineering, has joined the Signal section of the Manitoba University Company.

A. GRANT, superintendent of the service department of the Manitoba Government Telephones, has received a commission in the 61st Infantry Battalion.

S. R. PARSONS, president of the British American Oil Company, Limited, has been elected second vice-president of the Canadian Manufacturers' Association.

THOMAS L. CANTLEY, general manager and second vice-president of the Nova Scotia Steel Co., has been elected first vice-president of the Canadian Manufacturers' Association.

O. LEFEBVRE, C.E., chief engineer of the Quebec Streams Commission, has also occupied the position of secretary since Mr. H. L. de Martigny resigned the position in October last to enlist for active service with the Second Contingent.

OBITUARY.

Recent lists of Canadian casualties at the front record the death in France of Capt. Joseph G. Helliwell, a graduate in civil engineering (1910) of the University of Toronto, and a member for four years of the engineering staff of the Canadian Bridge Company, Walkerville, Ont. Capt. Helliwell, who was 26 years of age, went with the first overseas contingent in command of a company in the First Battalion.

The name of another Canadian engineer is added to the roll of honor, that of Capt. Thos. E. Morrison, who was killed in action on June 15th. He was a graduate of the Royal Military College, Kingston, and was a captain in the Canadian Engineers Corps, leaving with the first contingent.

Another Canadian engineer in the person of Ray Gihuly, of Selkirk, Man., was killed in action at Ypres. He was in the 2nd Field Co., Canadian Engineers, and was formerly employed in the Canadian Northern draughting office at Winnipeg.

Mr. Joseph Sharenks, a well-known Levis contractor, died suddenly last week, aged thirty-three years.

REGINA BRANCH, CANADIAN SOCIETY OF CIVIL ENGINEERS.

A branch of the Canadian Society of Civil Engineers has recently been organized at Regina. At a largely attended initial general meeting, the following gentlemen were elected as officials and members of the executive committee: Chairman, O. W. Smith; secretary, L. W. Wynne-Roberts; executive committee, A. J. McPherson, F. McArthur, and I. N. De Stein.

COMING MEETINGS.

AMERICAN SOCIETY FOR TESTING MATERIALS.—Annual meeting to be held in Atlantic City, N.J., June 22nd to 26th. Secretary, Prof. E. Marburg, University of Pennsylvania, Philadelphia, Pa.

AMERICAN SOCIETY OF CIVIL ENGINEERS.—Annual convention to be held in San Francisco, Cal., September 16th to 18th, 1915. Secretary, Charles Warren Hunt, 220 West 57th Street, New York.

INTERNATIONAL ENGINEERING CONGRESS.—To be held in San Francisco, Cal., September 20th to 25th, 1915. Secretary, W. A. Catell, Foxcroft Building, San Francisco, Cal.

AMERICAN ELECTRIC RAILWAY ASSOCIATION.—Annual convention to be held in San Francisco, Cal., October 4th to 8th, 1915. Secretary, E. B. Burritt, 29 West 39th Street, New York.