

Coast to Coast

Chatham, Ont.—The city expects to have Hydro-Electric lighting before the middle of January.

Victoria, B.C.—A municipal paving plant, for which contracts were let last spring, will be constructed and made ready for operation during the winter.

St. John, N.B.—The new docks at Carleton were formally opened last week, and the completed structure turned over to the Department of Public Works by the Maritime Dredging and Construction Co.

Victoria, B.C.—The new Canadian Northern Pacific wharf to be constructed at Patricia Bay will, according to an announcement by Mr. D. O. Lewis, divisional engineer of the C.N.P., be commenced immediately, the contract having been awarded to Mr. J. Doe.

Kamloops, B.C.—The Hydro-Electric power plant on the Barriere River (described in *The Canadian Engineer* for November 5th, 1914), has been put into operation. The installation provides for a maximum development of 20,000 h.p. At the present time about 6,000 h.p. is being developed.

Brockville, Ont.—The Hydro-Electric Power Commission of Ontario will shortly construct a transformer station, 20 x 39 ft., at an approximate cost of \$4,000, to be used in connection with the new power line now under construction from Prescott. This line will be completed in the spring. It will carry current at 26,400 volts, which will be stepped down to 2,200 volts for use in Brockville.

Welland, Ont.—The new factory of the Tuttle-Bailey Co. of Canada, Limited, has been completed. It is of reinforced concrete and steel, 100 x 200 feet in dimensions, and has been erected at an expenditure of about \$60,000. The company will manufacture steel registers. It will employ about 50 men. Peter S. Gordon is local manager. The company has a branch at Winnipeg, Man.

Sydney, N.S.—By the end of the year the Intercolonial will have completed 105 new steel bridges, to take the place of the light bridges so numerous along its line. The railway is making wholesale preparations for the handling of heavier traffic, and the steel structures now being erected are designed to meet the requirements for many years to come. With their construction going on, the purchase of more powerful locomotives and for larger and better transportation equipment are being looked after.

Toronto, Ont.—The Commissioner of Works has recommended to the city council the construction of a highway running north and south through Mount Pleasant Cemetery, to afford a thoroughfare between North Toronto and East Rosedale. The estimated expenditure upon this much-needed improvement is \$275,000. Another similar recommendation has to do with a road to run east and west across Prospect Cemetery to create a thoroughfare between Dufferin St., to cost between \$25,000 and \$30,000.

Vancouver, B.C.—The bulkhead belonging to the C.N.P. terminal scheme in False Creek is nearing completion, and reclamation work will be resumed at an early date. Over 3¼ million cubic yards will be required to build up the area under improvement. Of this amount over 1,000,000 cubic yards have already been deposited by the Pacific Dredging Co. This company is also dredging out the deep-water channel in connection with the harbor improvement scheme of the Department of Public Works.

Toronto, Ont.—As announced elsewhere in this issue, the city council has accepted the tender of Messrs. Quinlan

and Robinson, of Montreal, for the construction of the Don Section of the Bloor Street Viaduct, according to plans and specifications prepared by the Department of Works of this city, under the direction of Mr. R. C. Harris, Commissioner of Works. These specifications cover a steel structure with concrete abutments and piers. The plans were described in *The Canadian Engineer* for October 29th, 1914.

Winnipeg, Man.—It has been announced that the construction of the aqueduct for the Greater Winnipeg Water District will be commenced in March. The close of the construction season finds the right-of-way located and cleared; a 90-mile railway constructed through country, much of which consisted of muskeg and timber; partial completion of the dyke across Indian Bay, 1½ miles in length; completion of preliminary channel connecting Indian Bay with Snowshoe Bay; a telephone line, permanently constructed for the full length of the system; ballast-pits located and open, and a large amount of fencing done.

Cobalt, Ont.—The Cobalt Reduction Co. has commenced the construction of an addition to their present mill. This addition will be a cyanide plant, to have a daily capacity of between 125 and 150 tons. It is to be completed and ready for operation next March. This plant will treat by the cyanide process the slimes produced by crushing operations in the mill. The building will be 193 ft. x 70 ft., with an additional wing, 80 ft. x 70 ft. The foundations are to be of concrete, and the superstructure of steel and fireproof material. The machinery to be installed will include the usual classifiers, settlers, agitators, and vacuum filters necessary in the process.

PERSONAL.

P. B. MIGNAULT, K.C., has been chosen to succeed Hon. T. C. Casgrain as member of the Canadian section of the International Joint Commission.

CHARLES L. WISNER has been appointed to succeed Mr. J. H. Housser, deceased, on the board of directors of the Massey-Harris Company.

A. E. STEVENS, of Vancouver, has been appointed general superintendent in Alberta of the Canadian Pacific Railway, succeeding Mr. D. C. Coleman, with headquarters at Calgary.

A. PRICE, assistant general manager, Canadian Pacific Railway, read a paper at a meeting of the Canadian Railway Club last week in Montreal. His subject was "Some Maximums and Minimums in Train Operation."

SAMUEL HALE, manager of the Algoma Steel Corporation, is about to retire, according to a press report. Mr. J. F. Taylor, president of the company, will take charge of the works and of the operation of the plant.

J. J. FERRIS, superintendent of oil service, Canadian Pacific Railway, delivered an illustrated address on "Fuel Oil and its Application" before the regular meeting of the Vancouver Branch of the Canadian Society of Civil Engineers on December 3rd.

OBITUARY.

The death occurred in Montreal last week of Mr. James A. Baylis, chief engineer of the Bell Telephone Co. of Canada. Mr. Baylis was a graduate of Worcester Polytechnic Institute, and has been in the employ of the Bell Telephone Co. since 1890. Mr. Baylis was a member of the American Institute of Electrical Engineers.

The death occurred in Chicago last week of Mr. R. M. Greene, a structural engineer, of Winnipeg, and a former instructor at the University of Manitoba.