

tensions the company will offer for sale at public auction on December 12th 9,000 shares of new stock of a par value of \$450,000.

Prince Edward Island.

CHARLOTTETOWN.—Considerable improvements are now under way here preparatory to the installation of the new telephone equipment. New buildings are to be erected, a power plant and a complete equipment installed.

Foreign.

The new foundry of R. Hoe & Co., of New York, has been equipped with three ten-ton electric travelling cranes, each of about 56 ft. span; also with a No. 72 Newton cupola. These were furnished by the Northern Engineering Works, Detroit, Mich.

DULUTH, MINN.—The new foundry of the Clyde Iron Works will be operated by alternating current motors and will be equipped with two ten-ton and one fifteen-ton electric travelling cranes of about 40 ft. span, equipped with alternating current motors, furnished by the Northern Engineering Works, of Detroit, Mich.

PHILADELPHIA, PA.—In the presence of the members of the Quebec Bridge Commission a steel eye bar, 30 feet long, 14 inches wide, and two inches thick, was subjected to a strain of 882 tons in the testing department of the Phoenix Iron Company at Phoenixville. The bar was similar to those used in the structure of the bridge at Quebec.

RAILWAYS—STEAM AND ELECTRIC.

Ontario.

CHATHAM.—The officials of the Chatham, Wallaceburg & Lake Erie Railroad have decided to cross the Michigan Central Railroad tracks at Charing Cross by means of a subway.

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PORT ARTHUR.—Extensive operations will be commenced in connection with the C.N.R. terminals here early in the spring, according to Mr. M. H. McLeod, general superintendent of the road.

NIAGARA FALLS.—It is probable that work will be begun shortly on the construction of the Toronto and Niagara Railway and Transmission Line between Falls View and a point on the Niagara, St. Catharines and Toronto Railway, near Stamford Station.

OTTAWA.—The city has decided to agree to the terms of the G. T. R. in connection with the building of the proposed hotel and terminal station. The building will cost \$2,500,000, and the fixed assessment on the hotel for fifteen years will be \$500,000, and on the station \$150,000.

Quebec.

MONTREAL.—C. P. R. earnings for the month of September were \$6,423,452, working expenses \$4,272,099, net profits \$2,151,353. The net profits for the same month last year were \$2,437,931.

Manitoba.

WINNIPEG.—It is expected that the grading on the extension of the Canadian Northern Railway from Rossburn to Russell, a distance of twenty-five miles will be ready for the rails in the cause of a few weeks.

Alberta.

EDMONTON.—According to Mr. C. Schreiber, Government Engineer of the Grand Trunk Pacific Railway, tenders will be called for the construction of the line from Edmonton to the Yellowstone Pass in a short time.

British Columbia.

GOLDEN.—The contractors for the driving of tunnels on the main line of the C.P.R., between Field and Hector, have started operations. Grading preparatory to doing the rock work on several miles of lines has commenced.

PERSONAL.

MR. M. S. BLAIKLOCK has been appointed engineer, maintenance of way of the Grand Trunk Railway, with office at Montreal, Que.

MR. WM. MACKENZIE is on his way to Europe, where he will endeavor to find out what position financiers take regarding the Canadian Northern.

MR. H. E. WHITTENBERGER has been appointed superintendent, Eastern Division of the Grand Trunk Railway system, with office at Montreal, Que.

MISCELLANEOUS.

Under this heading in our issue of October 18th, we stated that tenders for the construction of a cement wall at Chatham, Ont., would be received at the office of H. J. Lamb, Resident Engineer, London. We should have said that plans and specifications could be seen at London, but tenders would be received at Department of Public Works, Ottawa, until November 4th.

Ontario.

TORONTO.—Tenders will be received by E. Coatsworth, Chairman Board of Control, until Tuesday, November 12th, for the supply and erection of the superstructure of Riverdale Park Steel Footbridge. (Advertised Canadian Engineer).

COLBORNE.—The Public Works Department has awarded the contract for the construction of the new dock at Colborne, to Kastrer & Porter, of Warton, the lowest tenderers.

COBALT.—The shipments of Cobalt ore for the weeks ending October 26th were as follows: Buffalo, 60,000 pounds; La Rose, 309,538 pounds; Trethewey, 64,680 pounds. The shipments since January 1st total 10,261 tons.

Manitoba.

CARMAN.—Tenders will be received until November 8th, 1907, by H. J. Burton, Chairman of the Board of Works, Carman, for the construction of a 90-ft. span Pratt Truss Steel Bridge, with 18-ft. roadway and concrete abutments, over the Boyne River.

British Columbia.

GRAND FORKS.—It is reported that representatives of Mr. F. A. Heinze, of Butte, Mon., are negotiating for the building of a smelter, near the McKinley mine. They are trying to purchase enough properties to keep the smelter supplied.

Foreign.

CUYAHOGA.—H. H. North, engineer of construction of the Lake Shore and Michigan Southern Railway has awarded the contract for the concrete piles for the footings of the Cuyahoga viaduct of the Cleveland Shore Line Road to the Raymond Concrete Pile Company, of Chicago, and New York.

SOCIETY NOTES.

The fifty-fourth annual meeting of the American Society of Mechanical Engineers will be held in the Engineering Societies Building at 29 West 39th Street, New York, December 3rd to 6th, 1907. Symposiums on foundry practice, giving the experiences of prominent men in that work, have been arranged. The specific heat of superheated steam will be taken up, a very important and exhaustive work by a Professor of Engineering at Cornell will be presented. The utilization of low grade fuels in gas producers, combustion control in gas engines, tests of producer gas engines, etc., will be given a session. Other live topics, such as industrial education, power transmission by friction driving, cylinder port velocities, etc., will be discussed. All of these subjects have been treated by prominent engineers of Europe and America, professors of our universities, and men eminent in the particular work of which they write. The committee have on hand an interesting excursion for Wednesday afternoon, December 4th, and an address in the evening which will be especially enjoyable.