

PRINCE RUPERT.—The plans for the proposed municipal waterworks system have been approved and returned from Victoria, and the work is now under way. The work will be rushed by the engineer in charge, Mr. A. W. Agnew. Over one and a half miles of feed pipe from the source of supply to the reservoir have been laid. There will be eighty miles of mains. A flat rate of \$5 a yard for rock and 55 cents for earth has been secured, which will make the job less expensive than any work yet done.

CEMENT—CONCRETE.

Ontario.

OTTAWA.—Concrete piers will form part of a new \$18,000 bridge which the Grand Trunk will shortly erect over Preston Street here.

PETERBOROUGH.—The work of erecting the new power house, which is being done by the Bishop Construction Company is progressing favorably, and it is expected that the building will be completed in five weeks. Work on a concrete dam will commence shortly.

Quebec.

MONTREAL.—Until Wednesday, the 13th October, Mr. L. O. David, city clerk will receive tenders for concrete and masonry work and reinforced concrete flooring in connection with a bridge to be erected at St. Catherine Street.

TELEPHONY.

British Columbia.

CRESTON.—The Creston Power, Light & Telephone Company is now putting the finishing touches to its new telephone system. Altogether there are about fifteen miles of line hung. The electricians have installed the new switchboard and distributor in the company's new head office. This company has also run private lines through the town and many suburban lines are now in operation.

CURRENT NEWS.

Manitoba.

BRANDON.—City Engineer Speakman is preparing plans for a subway which the city proposes to build under the C.P.R. and G.N.R. tracks. The cost is roughly estimated at \$100,000.

Yukon.

DAWSON.—The Yukon Gold Coy.'s great ditch, extending to Goldhill, has been completed, and on September 23rd water was turned into it. The water is conveyed from Twelve Mile River, 70 miles from the place of its use. A volume of 5,000 inches is sent over the hills at a cost of \$10,000,000, making the successful consummation of what is probably the greatest engineering undertaking in the history of the far north.

PERSONAL NOTES.

MR. GEORGE C. GERTH., formerly of Port Pelly, Sask., is now located at Canora, Sask.

MR. G. C. MCKAY'S appointment as engineer was confirmed at a recent meeting of the City Council of Nelson, B.C.

MR. J. W. PORTER, formerly assistant engineer on the Toronto-Sudbury branch of the C.P.R. has been transferred to the National Transcontinental Railway at Quebec.

MR. GEORGE A. BROWNE, of the National Transcontinental Railway, has changed his address to Residence 15 of the N.T.R. at Cochrane, Ont. He was formerly at North Bay.

MR. CHARLEIS BRANDEIS, who has a large consulting practice in Montreal, where he has offices at 4 Phillips Place, was recently appointed consulting engineer to the Colonial Coal Company, Ltd., of North Sydney, N.S.

MR. P. H. MITCHELL, consulting engineer, of Toronto, has returned from a business trip to New York. Mr. Mitchell says the American manufacturers are watching Canada's development with great interest.

MR. H. SHEARER, of Detroit, has been appointed division superintendent of the Canadian lines of the Michigan Central Railway, with headquarters at St. Thomas, to succeed Mr. Adams, who takes the general superintendency of the Toronto, Hamilton, and Buffalo Railway at Hamilton.

MR. H. K. DUTCHER, M.Sc., A.M. Can. Soc. C.E., who was until recently a member of the firm of Cleveland & Dutcher, has opened offices in the Winch Building, Vancouver, B.C., where his large consulting practice will be carried on. Mr. Dutcher was formerly located in the Flack Block.

MR. A. N. ADAMS, division superintendent of M.C.R. at St. Thomas for the past seven years, has been appointed general superintendent of Toronto, Hamilton and Buffalo, with headquarters at Hamilton, succeeding Mr. E. Fisher, who is leaving on account of ill-health. Mr. Adams is a native of Detroit, 35 years of age, a graduate of Johns Hopkins University and Massachusetts Institute. He was draughtsman on M.C.R. in 1899, assistant engineer in 1901, assistant chief engineer in 1902, and later assistant superintendent at Detroit.

OBITUARY.

MR. N. A. RHODES, vice-president of the Rhodes-Curry Company, Ltd., Amherst, N.S., died on September 30th. Mr. Rhodes was 64 years of age, and had been in business in Amherst for nearly forty years.

MR. JAMES H. SUTHERLAND, roadmaster of the Brandon-Regina division C.N.R., died at his home Brandon, Man., September 26, 1909. Mr. Sutherland was forty-three years of age and a native of Fredericton, N.B.

MARKET CONDITIONS.

Montreal, October 7th, 1909.

Latest reports from the United States, on pig iron, are to the effect that the strength commented upon in the Canadian Engineer for some time past has more than been realized. It would seem that all records for the output of iron were smashed in the month of September. This certainly was the case with steel-making iron, and probably with foundry. Stocks of pig iron, to-day, in the various producing centres, slightly exceed 1,000,000 tons, the significant feature being that at these figures they have decreased not far from 500,000 tons. This is one of the most encouraging features of the market, inasmuch as it indicates an enormous consumption. Contracts during the month of September are said to have reached 1,000,000 tons. Consumers outside the steel companies contracted for 600,000, this being the largest tonnage of foundry iron ever placed under contract during a single month. It was a little significant, however, that during the latter part of the month, the buying movement showed a falling off as compared with the earlier portion.

In finished steel products, transactions were less heavy during September than during the previous few months, but in steel rails the aggregate was heavy, being 700,000 tons, which was the heaviest month in two years. The tendency of prices is still upwards, and 50c. per ton has been added during the past week, all round.

There is not a very great deal happening in the English and Scotch markets, but the tendency of prices is entirely in an upward direction. Apparently, considerably more metal is being sold for prompt delivery and is going into immediate consumption. Warrant prices have advanced about 9d. during the week, with an indication of higher prices, being asked, as the result of increasing cost of ore and fuel, and also in view of the possibility of exports from the United States. The Scotch makers are well situated and are holding their output for prices which are fully 8s. above the low figures for last June. Hematite, the steel-making iron, which has been in poor demand for many months past, has taken a turn very much for the better. Consumption is rapidly increasing and prices have gone up about 6s. in the past three weeks. These advances on raw material will undoubtedly have the effect of increasing the cost of finished material in proportion thereto. As a rule, however, the advance in finished products does not come for some little time after raw material has started to move up.