

Sudbury expects the C.P.R. to spend \$250,000 there this season in a new station 40 x 150 feet, freight sheds 50 x 300 feet, and extensive yard improvements.

The bridge over the Grand River on the Guelph and Goderich line has been completed and track laying has been resumed. A gang of men, numbering two hundred, are now at work laying the track to the west of the bridge.

The Canadian Pacific Railway Company has decided to offer five scholarships, covering four years' tuition in the Faculty of Applied Science of McGill University to apprentices and other employees of the company, under twenty-one years of age, and to minor sons of employees.

It is announced that Mackenzie & Mann intend to begin at an early date the building of a grain line from the mouth of the French River to Ottawa, and thence to Hawkesbury, where it will connect with the Great Northern, which runs from that point into Montreal. The distance from French River to Hawkesbury is 370 miles, and from the latter place to Montreal about 60 miles. The terminal at French River will necessitate wharfage equipment, elevators, etc.



MINING MATTERS.

The shipments from Rossland for the year have reached and passed the 100,000 mark, and the indications now are that they will be greater than they were last year.

At Banff, Alta., deposits of anthracite coal have been recently opened up by the Canadian Pacific Railway Company. The coal resembles that obtained from the famous Pennsylvania mines, and will be supplied to the whole of Manitoba and the North-West.

The Cobalt district is to have a great ore smelter and refinery. It will cost about \$600,000, and the Ontario Government has agreed to give the projectors, who are represented by E. J. H. Pauley, of Toronto, a free site at a convenient point on the Temiskaming Railway between Cobalt and North Bay.



LIGHT, HEAT, POWER, ETC.

The biggest electrical unit in the world is now running smoothly in the Ontario Power Company's wheel-pit and power-house. It is one of 12,500-horse-power to be added to the three of 10,000-horse-power formerly installed.

The Montreal Light, Heat & Power Co. recently sold the charter rights of the Standard Light and Power Co. for gas for the city of Quebec, to Mr. Emerson McMillen, of New York, President of the American Light and Traction Co.

It is stated that it is the intention of the recently organized New York and Ontario Power Company, with a capital of \$2,000,000, to develop the magnificent power at Waddington, N.Y., and begin preparations for carrying the power to Prescott and Brockville via Ogdensburg.

The work of developing the water power at Kakabeka Falls, is advanced so as to give promise. It is stated that by June 1st, electrical energy will be ready for distribution.

The Montreal Light, Heat and Power Co. have secured another water-power at Cedar Rapids, near Montreal, and will have 5,000 horse-power from it in the city by November 1st.

The management of the Montreal Light, Heat & Power Company have completed arrangements for the construction of a large and modern power-house to be situated on the Soulanges Canal, about two and one-half miles from the village of Vaudreuil. The estimated cost of the new building and plant is one million dollars. This will be the largest outlay for improvements expended by the company at any one time for many years. The work of construction will be commenced at once, as the officials wish to have the building ready for the distribution of power into the city by November 1st, next.

PERSONAL

Dr. L. Ritter Ickes, the man who promoted and built the Grand Valley Radial road, running between Brantford and Galt, died on April 25th, in Seattle.

J. B. Tyrrell, the well-known geologist and mining engineer, has joined Mackenzie & Mann as their mining expert, with headquarters at Toronto.

B. W. Chipman, president of the Nova Scotia Telephone Company, and Secretary for Agriculture for Nova Scotia, died on April 24th, after an illness of several days.

Hugo B. R. Craig has resigned his position as city engineer of Kingston, to accept the post of resident engineer of the Grand Trunk Pacific Railway west of Fort William.

W. P. Chapman, C.E., of Hamilton, latterly division engineer James Bay Railway, Parry Sound district, has been given charge of construction of the Canadian Northern lines in Quebec.

Mr. J. W. Ball, who until recently was general foreman of the Canada Foundry Co.'s Screw and Nut Department, has been appointed general superintendent of the Standard Bolt & Screw Co., Toronto.

F. J. White, head roller in the Dominion Iron & Steel Co.'s rod mill, has severed his connection with that company to take the position of superintendent of the rod mill of the Morgan Spring Co., at Struthers, Ohio.

City Engineer Hanes, of Windsor, has resigned to become city engineer of Fort William at a considerable increase of salary. It is likely that he will be succeeded by Owen McKay, a civil engineer who has had considerable experience.

Mr. F. A. Paulin, late Chicago manager, for the India Rubber Company of New Brunswick, N.J., is now in charge of the tire department of the Canadian Rubber Co., of Montreal, Limited. Mr. Paulin is a Canadian by birth, having spent his early years in the carriage trade in Ontario. He has had extended experience during the past twelve years throughout the larger cities in the United States.

Messrs. E. H. Keating and D. J. Russell Duncan, Advisory Engineers to the Monterey Railway, Light & Power Company, and Monterey Water Works and Sewer Company, Monterey, Mexico, announce that they have opened offices at the Home Life Building, Victoria Street, Toronto, where they will carry on business as Civil Engineers. Special attention being given to Hydraulic, Municipal, Electrical and Industrial undertakings. Plans, specifications, estimates and reports prepared on enterprises and concessions, either foreign or in the Dominion.



MUNICIPAL WORKS, ETC.

Owen Sound Council will expend \$45,000 on extension of electric light system, and \$45,000 on extension of gas system.

Fort Frances is to have a complete and up-to-date system of waterworks, sewerage and electric light, to cost about \$57,000. John Galt, C.E., of Toronto, is the consulting engineer, under whose plans the systems will be installed.



TELEGRAPH AND TELEPHONE

The Bell Telephone Company asks authority to increase its capital stock from \$10,000,000 to \$50,000,000, to provide for future development.

The Canadian Machine Telephone Company, Toronto, has been awarded the contract for installing the automatic system of telephones in the city of Edmonton, Alta.



NEW INCORPORATIONS.

Manitoba.—The Manitoba Sand and Dredging Co., Winnipeg; \$10,000; L. Bellefeuille, H. C. Cook, C. A. Allen, J. W. Stewart C. W. St. John.