

running to New Liskeard, and that provision would be made for the extension of the road into the great clay belt beyond. An inspection was also made of the colonization roads, and it is expected that about sixty miles of new road will be built this season. The commissioners who are in charge of the Temiskaming Railway are expected to visit the locality in August, when arrangements in connection with the northern terminals will be made.

Municipal Works, Etc.

Willis Chipman, C.E., of Toronto, has been engaged by the city of London, Ont., to inspect and report upon the source of water supply.

The contract for the new Carnegie Library at Winnipeg has been let to Smith & Sharpe, of that city. Samuel Hooper is the architect. The building will cost \$71,300.

Edmonton's new sewage and electric light and power plant is the largest in the Northwest. One engine is of 300 h.p., another 150 h.p., and a third is to be put in of 500 h.p.

Contracts for most of the new sewers of Smith's Falls have been let, and plans are being prepared by Harry Welch, the town engineer, for 1,800 of rock trenching, of an average depth of 15 feet, bids for which will be called this month.

Harding & Leathorn, of London, have the contract for the new water works system of Strathroy now in progress; and the pumping engines are being supplied by the Kerr Engine Co., of Walkerville. The plans were made by Willis Chipman, Toronto.

The San Francisco & San Joaquin Coal Company, of San Francisco, has decided to install machinery for the briquetting of coal dust, the high price of coal in California rendering this profitable. The briquetting presses will be driven by Westinghouse electric motors arranged to give any desired speed from 20-R.P.M., to 550-R.P.M., in about 15 steps.

Willis Chipman, C.E., Toronto, has prepared plans for a water works and sewage system for Port Arthur, to cost about \$130,000. With the plan is a complete map of the town showing the exact location, size and depth of the drains and water pipes, with the nature of the soil in which they are laid. This work is quite a model of its kind. The contract for the water pipes, hydrants and valves, has been let to the Canada Foundry Co., the price being about \$45,000.

Personal.

H. Crawford, a machinist in the employ of the Westinghouse Air Brake Company at Hamilton, has received word to the effect that he is heir to about \$200,000, left by an uncle in Belfast, Ireland.

C. J. Jorden, who has been chief engineer and electrician of the Guelph Light & Power system since its inception, has resigned, to accept a place in the United States. He will be succeeded by John Heeg, Hespeler.

Lewis Percival Banks, who was for 14 years a civil engineer in the employ of the Government of Bombay, India, died recently in the Provincial Home at Kamloops, B.C., of which he had been an inmate for some six years.

Daniel Morris, who has been superintendent of the Niagara Falls, Ont. gas company since it commenced operations, has resigned to accept a similar position with the Grenville, Ohio, Gas Co. A. H. Merritt, superintendent of the Niagara Falls, N.Y., Gas Co., will henceforth look after the plants on both sides of the river.

G. R. Atkinson, formerly of Montreal, and for some years with the Athabaska Gold Mining Company, and with the London & British Columbia Gold Fields Company, at Nelson, has gone to Siberia, where he has been appointed to a position with the Siberian Co., a large concern that is developing valuable copper properties in that country.

G. P. Foaden, of the Egyptian Government service, who has had to do with the great Assouan dam on the Nile, is on a visit to Canada and the United States. The benefits to be derived from the great Nile dam, he said, are already being realized, and the people are enthusiastically working to level their lands, and make them capable of being benefited by the great irrigation works.

William Burlingham has accepted an appointment as chief engine-designer with the B. F. Sturtevant Co., of Hyde Park, Mass., resigning a position in the United States Inspection Office, with the Wm. R. Trigg Co., of Richmond, Virginia. Mr. Burlingham has previously been associated with the Bath Iron Works, the General Electric Co., the Southwark Machine & Foundry Co., and the Newport News Shipbuilding and Dry-Dock Co. He has also served on Edison's staff, at the East Orange Laboratory, and is a graduate of the Worcester Polytechnic Institute.

Wm. Steer, engineer of the London Power Supply Co., was so terribly scalded recently that he died in a short time. There are two boilers in the plant, and it was Steer's intention to clean out one of these. The steam was blown off in the usual way, and when it ceased to flow, he began the removal of the plate covering the manhole. He had about completed this, when, with terrific force the lid was blown out, and a volume of steam and hot water was poured over the engineer. The steam generated such a heat in the boiler-room that an automatic alarm was sent in, but the firemen were unable for over half an hour to discover the origin of the alarm. Steer was found in the dark boiler house unconscious, but he was able before he died to explain the cause of the accident.

Matthew M. Neilson, C.E., has resigned the management of the St. John, N.B., street railway, to accept the position of manager of the Mexico Power, Light & Heat Company, in which Sir Wm. Van Horne, Jas. Ross, and other Canadians are interested, at a salary of \$10,000 per year. Mr. Neilson was born near Almonte, Ont., and has proved himself a very capable manager at St. John. The Mexico company is spending more than \$10,000,000 in developing its power plant, and will dam three great rivers, a work which for magnitude is said to compare with the great Assouan dam. Mr. Neilson will be succeeded at St. John by W. Z. Earle, C.E., until lately connected with the Algoma Central Railway, and formerly on the Sand Point wharves construction, at St. John.

R. S. Kelsch, who has opened offices in the Street Railway Building, Montreal, as consulting engineer, was general superintendent and engineer of the Lachine Rapids Hydraulic & Land Co. since 1897 and was also consulting engineer for the Standard Light & Power Company, and the Citizens' Light & Power Co. For a number of years previous to his connection with the Lachine Company, he held similar positions with the Chicago Arc Light & Power Co., one of the largest light and power companies in the world. The success of the Lachine Company, no doubt, was largely due to his ability and to his presence of mind in dealing with the emergencies with which that company had to contend during the first few years of its existence. His twenty-one years' experience in telegraph, telephone and electric light and power work will, no doubt, ensure success in his new occupation.

J. C. Bailey, C.E., a well-known civil engineer, died at Toronto on the 27th of July. He was born in the County of Galway, Ireland, November 17th, 1825, and was educated at Montreal High School and Upper Canada College Toronto. He was a member of the Imperial Institute and the Institute for Civil Engineers of England and had a varied and extended experience in the exploration, location and construction of railways and other public works. Among some of the railways of recent date of which he was chief engineer are: Credit Valley, Toronto & Nipissing, Lake Simcoe Junction, Toronto & Ottawa, Midland and its various extensions, Northern & Pacific Junction. He located the Sault Ste. Marie Railway and the Nipissing & James Bay (now Temiskaming & Northern Ontario Railway), and was also connected with the Atlantic & Great Western, Detroit & Milwaukee, and Muskegon, and other roads in the United States and Canada. He leaves a widow, three sons and two daughters.