

TELEGRAPH AND TELEPHONE.

Quebec.

The Bellechasse Telephone Company will erect a line to Quebec, with an exchange in the Lower Town, which will require the stretching of a cable across the river from Levis. Plans have been completed for the Quebec exchange, and it is expected that tenders will be called for the construction of the entire system in Quebec in the near future.

Alberta.

A system of Government telephones will be installed in Leduc in the near future.

MUNICIPAL.

Ontario.

Two highway bridges 94 feet long and 16 feet wide, with reinforced concrete floor on steel joists, will be built at Belleville, Ont. W. R. Aylesworth is County Clerk.

A steel bridge, with concrete foundation, is to be built at Vienna. The following tenders on the work have been accepted. For concrete work, O. D. and A. L. Oatman, \$1,995; for steel superstructure, Hamilton Bridge Co., \$3,729; steel reinforcement, \$200; total, \$5,924. Mr. Bell, of St. Thomas, is County Engineer.

Efforts at smoke-abatement are being made in several directions in Toronto. Individual manufacturers have taken up the subject with the object of complying with the city by-law in this regard. We note with interest also that the Toronto branch of the Canadian Manufacturers' Association have it in view to appoint an expert on smoke abatement, to advise members of the Association as to the devices best suited for their individual plants. The secretary, Mr. G. Murray, says that the members are resolved upon complying with the requirements of the by-law. Not alone because they expect to save coal, but because they are public-spirited enough to want to see an improvement in the sanitary condition and the appearance of Toronto.

Quebec.

The municipality of Notre Dame has decided to put in a waterworks system. Mr. R. Rinfret, of Montreal, is the engineer in charge. The work will cost about \$100,000.

New Brunswick.

The water-works system of Moncton, N.B., will be improved and extended at a cost of \$18,000.

Manitoba.

Portage la Prairie will vote on a by-law for the issue of an additional \$50,000 debentures for extension to the water-works.

The Winnipeg Board of Control has decided to abandon the city's electric lighting plant, and will purchase power from the Street Railway Company, which will be a saving of 50 per cent. on what it can be generated for by the city. The city finds the steam turbine has been too costly and it will be abandoned entirely.

Saskatchewan.

Work has stopped temporarily on the traffic bridge at Battleford, owing to the difficulties met with by the contractors in getting bottom for the pier on the west side of the island. F. J. Robinson, Deputy Commissioner of Public Works, and Engineer McPherson, of the Public Works Department, Regina, is expected to inspect the work done and take steps towards the continuance.

The town of Estevan is considering the installing of a waterworks system. Mr. Willis Chipman, C.E., of Toronto, is making investigations, and reports that a system of water-works, sewers, and waterworks for fire protection would cost \$46,000. A municipal electric lighting plant, if run in connection with the waterworks system, could be installed for \$15,000. Both of these would pay actual running expenses from the start. If in the future the waterworks were extended to the river the increased cost would amount to \$31,000. If the whole plant were situated at the river now, the total cost would be \$82,000. The main sewer from the town to nuisance

ground would cost \$10,000; the other part of the system would be paid by a frontage tax by the ratepayers benefited.

Alberta.

The town of Raymond will install an electric lighting system, and will make improvements on the waterworks.

British Columbia.

The Streets, Bridges and Sewage Committee, of Victoria, have recommended that all the wet sewage of the city be taken out to sea in scows and dumped. Since the property-owners voted against an incinerator, this is the only course left open.

It has been decided to build a swing bridge over False Creek, Westminster Avenue, Vancouver. City Engineer Clements will be in charge of the work.

Newfoundland.

Steel bridges are to be built at Goulds and Bay Bulls, Newfoundland. Mr. W. J. Ellis, of St. John's, Newfoundland, is in charge of the arrangements.

MADISON SQUARE GARDEN ELECTRICAL SHOW.

The opening of the Electrical Show at Madison Square Garden is announced by President George F. Parker for September 30th. All the larger interests in the electrical trade are taking a keen interest in this exhibition, and the management expect to put forth their best efforts to interest the trade and laymen in the latest and most up-to-date electrical appliances, inventions and devices.

Madison Square Garden will be laid out on a plan that is unique. There will be three avenues, Edison Avenue, Westinghouse Avenue, and Franklin Avenue, running from east to west, with three cross streets running from north to south. The interior will be decked with 300,000 electric lights, rivaling Dreamland in its resplendent glory. At each corner goose-neck lamp-posts will mark the intersections, and a magnificent arch in a blaze of incandescence is to mark the main entrance. Every exhibit will be fitted up with all kinds of wireless appliances connecting with stations now in vogue.

The New York Edison Co., one of the largest exhibitors, has in mind a plan for the exterior decoration of the Madison Square tower. It is to be one solid bank of lights, and this blaze of incandescence, it is expected, will surpass even the Dreamland Tower in brilliancy.

German and French electrical merchants and inventors have signified their intention of exhibiting at the Electrical Show, and every prominent firm in America will have floor space there, and with every invention known will have special demonstrators to teach buyers, tradesmen, electricians and the world in general all that is known concerning electricity.

"We will have on exhibition at the Electrical Show at Madison Square Garden everything electrical," says President Parker; "the modern motors and appliances of automobiles, but no complete machines. It is our intention to instruct the out-of-town trade or anyone interested in electricity, and its uses and mechanical appliances up to date. The show extends from September 30th to October 9th."

The Interstate Commerce Commission of the United States, has made public report of its inquiry into the railroad operations of Edward H. Harriman, and the operations of the so-called Harriman lines, which inquiry has been in progress for several months. The commission recommends: (1) That the function of railroad corporations be confined to furnishing of transportation. (2) That so long as the policy of the general Government and of the States to maintain competition between naturally competing lines, the ownership of any stock by one railway in a competing railway should not be permitted, and such lines of railway should be prohibited from any common directors or officers. (3) That railroads should be prevented from inflating their securities for merely speculative purposes.