

ing room. The former is 55 by 51 ft., and the latter 70 by 51 ft., and both are 20 ft. in height. A short distance away is the manager's residence 70 by 35 ft. The station was expected to be completed by the end of June. Rhodes, Curry & Co. (Ltd.) of Amherst, N.S., were the contractors. Two transformers and two dynamos have been constructed in Montreal for the station.

The following sections of the all-British Pacific cable have been laid and are in operation: New Zealand to Norfolk island, 750 miles; Queensland to Norfolk island, 850 miles; Norfolk island to Suva, Fiji, 1,000 miles. The cable steamer Anglia is now loading the section of the cable to be laid between Suva and Fanning island, and the 8,000 ton steamer Colonia, specially built for laying this cable, is on her way to Vancouver with the 3,500 miles of cable to be laid between Vancouver island and Fanning island. C. Reynolds, Chairman of the Pacific Cable Board, has been in Vancouver inspecting the work in progress at the station being constructed at Bainfield creek, and arranging for the work to be done on the arrival of the Colonia in August.

W. Mackenzie, D. D. Mann, Z. A. Lash, K.C., E. W. McNeill, Toronto, and R. J. Mackenzie, Winnipeg, were incorporated at the last session of the Dominion Parliament under the title of the Canadian Northern Telegraph Co., with a capital of \$5,000,000, to operate the telegraph lines on the Canadian Northern Ry. and elsewhere in Canada. Power was also sought to operate telephone lines, but the clause was struck out, and certain clauses were inserted protecting the rights of municipalities through which the lines will pass. The Co. started operating the lines along the railway June 1, the Canadian Northern Ry. Co.'s officers having charge. The Co.'s lines extend from Port Arthur, Ont., to Winnipeg, thence over the lines formerly owned by the Northern Pacific Ry. Co. in Manitoba; on the Canadian Northern Ry. to Erwood, and on the branches constructed last year in Manitoba, a distance of about 1,250 miles.

At the recent session of the Dominion Parliament the following sums were voted on capital account for construction of telegraph lines in British Columbia: Quesnel-Atlin line, \$107,000; Port Simpson-Hazleton line, \$25,100; and on income account: extension from Romaine to Belle Isle, on the north shore of the Gulf of St. Lawrence, \$25,000; from Golden station, B.C., on the C.P.R., to Windermere, with extension to Athalmer and Peterboro, \$1,620; Belle Isle, line between extreme ends of island, \$5,000; Byron island to Anticosti cable, etc., connection, \$25,000; extension of Magdalen islands telegraph system to Byron island by submarine cable, \$9,000; Mabou to Port Hawkesbury, N.S., \$5,600; Magdalen islands land lines, renewal of wiring, \$2,000; St. Peters to Louisburg and Scatari island, extension Gabarus to North Sydney, N.S., \$4,900; St. Peters to Canso—line and cable connection between Port Mulgrave and Port Hawkesbury, N.S., \$13,900; line from Ste. Anne du Saguenay to St. Charles, Que., \$1,000; line—St. Peters to Louisburg, with extension to Main à Dieu and Scatari Island lighthouse, \$2,250; line—Chicoutimi to St. Charles and St. Ambroise, Que., \$1,600; land line from St. Albert to Rivière qui Barre, Alta., \$1,500; Alberni-Clayoquot, B.C., line—to complete (revote \$2,500), \$3,500; branch from Port Simpson-Hazleton, B.C., main line to Aberdeen, \$1,500; 150-Mile House to Quesnel Forks and Horse Fly, B.C.—telegraph lines (revote \$2,818, lapsed, and revote \$2,450), \$7,500; Victoria and Cape Beale, B.C., telegraph line—renewal of poles, etc., \$2,500. The sum of \$140,000 was voted for the operating expenses of the Yukon telegraph system, and \$70,593.17 for other lines.

General Telephone Matters.

The Bell Telephone Co. is installing a metallic circuit in Perth, Ont.

The Bell Telephone Co. is repairing its cables connecting Windsor, Ont., and Detroit, Mich.

The Vernon and Nelson Telephone Co. is reported to be about to instal a metallic circuit in Trail, B.C.

The Bell Telephone Co. has refitted its exchange at North Augusta, Ont., which was destroyed by fire recently.

It is reported that a telephone line will shortly be strung between Lower Stewiacke and Chaswood, Halifax county, N.S.

The citizens of Fort William and Port Arthur, Ont., have voted in favor of the installation of a municipal telephone system.

The Bell Telephone Co. is reported to have decided to construct a metallic circuit between Winnipeg and Portage la Prairie, Man.

The Nova Scotia Telephone Co. is stringing a metallic circuit between New Glasgow and Pictou in addition to reconstructing the old line.

A private line, 18 miles in length, has been constructed connecting Harrietsville, Gladstone, Mossley, Avon and Putnam, near St. Thomas, Ont.

The Bell Telephone Co. has offered Col-lingwood, Ont., a free telephone for the municipal buildings, and \$90 a year, in return for an exclusive franchise.

The Bell Telephone Co. has presented a complete set of its latest type of apparatus for long distance transmission to the department of physics of Toronto University.

The Hammond Plains Telephone Co. has completed its line between Hammond Plains and Bedford, N.S., and has completed a connection with the Nova Scotia Telephone Co.'s line into Halifax.

The American Telegraph and Telephone Co. is reported to be about to construct a new through line via Syracuse, Brewerton, Watertown and Ogdensburg, N.Y., across the St. Lawrence into Canada.

The St. Martin's, N.S., Telephone Co. recently elected the following: President, W. Allan; vice-president, C. D. Truman; other directors: C. M. Bostwick, W. E. Skillen, and R. McLeod; secretary-treasurer, A. W. Macmickin.

The Prince Edward Island Telephone Co. has placed a new switchboard in operation in its central office at Summerside. The construction of an additional trunk line between Summerside and Charlottetown is under consideration.

The Parrsboro Shore Telephone Co. has placed a new line in operation to River Herbert, N.S., and is completing a line to Amherst. An exchange has been fitted up in Parrsboro, and the lines in the town are being extended. H. C. Jenks had charge of construction.

The Bell Telephone Co. expects to have in operation by the middle of July a long-distance line from Winnipeg to the International boundary at Gretna, with an extension from Rosenfeld to Morden, Man. At Gretna connection will be made with the long-distance lines of the U.S.

O. W. Rogers, promoter of telephone companies, says he intends to ask the Toronto city council for a franchise, and that he will agree to the insertion of clauses enabling the city to purchase the Co.'s property at its face capital, and preventing it selling out to the Bell Telephone Co.

A telephone line has been strung from Watson's Corners to McDonald's Corners, near

Perth, Ont. The construction was paid for by private subscription, and the line is to be handed over to the North American Telephone Co. on condition that the Co. will operate it and keep it in repair for 30 years.

The Rat Portage town council is considering plans to raise \$58,190.30, the amount at which the undertaking of the Citizens' Telephone and Electric Co. was valued by the arbitrators. The Co. offered its property to the council at \$55,000, but the offer was refused and the question referred to arbitration.

Tenders were recently invited for the installation of a telephone system in Gladstone, Man., with a connection of 16 miles with Plumas, where another exchange will be fitted up. The line will be owned by the Gladstone Electric Light and Telephone Co.; and E. S. Harrison, of Winnipeg, will be in charge of construction.

The Nova Scotia Telephone Co. has increased its rates for long distance lines from 35c. to 40c. per 100 miles, with a night rate of 25c., where the day rate would be 50c. or less, and one-half the day rate when the day rate would be over 50c. The Co. offers discounts of 5% on monthly accounts between \$3 and \$5; 10% between \$5 and \$10; 15% between \$10 and \$15; and 20% on \$15 and over.

The Spokane and B.C. Telephone Co. has commenced an action in the U.S. courts at Spokane, Wash., against the Pacific States Co., to vacate the order of dismissal of the old suit, and to reinstate that action. The P.S. Co. was originally known as the Inland Telephone and Telegraph Co., and the action was for \$205,000 damages for the alleged cutting of the S. and B.C.T. Co.'s wires.

The Windsor hotel, Montreal, is having a complete house telephone system installed by the Bell Telephone Co. The switchboard is placed in what was recently the parcel and cloak room, in which there are four public pay telephone boxes. There are 400 long distance telephones in the hotel, one in each room, connected with the hotel central. In the installation 100,000 ft. of wire and 500 ft. of cable have been used.

The Telephone Co. of La Petite Nation has been incorporated under the Quebec Companies Act, with Rev. V. Pelon, Rev. A. C. Guillaume, St. Emile de Suffolk; H. Lefebvre, H. Locas, Cheneville; A. Aubry, J. B. St. Pierre, Ripon; J. Bauline, N. Chene, A. Telmosse, St. Andre Avelin, as incorporators, to purchase the telegraph line belonging to the C.P.R. between Papineauville and Cheneville, Que., and operate it as a telephone line, and to purchase or construct other lines. The capital is \$5,000, and the head office is at Cheneville.

The New Brunswick Telephone Co. has reached an agreement with the St. John city council for the laying of its conduits underground. The Co. agrees to give the city all the telephones it may require, including those at present in use, but excluding the Silver Falls line, at \$20 a year; also that it will indemnify the city against all liability in connection with the installation and maintenance of the underground system, and that the privilege granted shall not be considered as exclusive or in any way prevent the city itself or any other company having the city's permission, using the streets for similar purposes as fully as the N.B.T. Co. may do.

The following particulars relating to telephone companies in Canada were recently given in the House of Commons:—No of companies, 55, of which 6 have been sold to the Bell Telephone Co., 1 sold to the Bellechasse Telephone Co., 1 amalgamated with the New Westminster and Burrard Inlet Telephone Co., and 3 were not operated in 1901, leaving 44 companies operating in 1902. The