

will have to be moved, which will cost about four and a half million dollars. The completed section will cost about six millions. No announcement of the successful tender was made. Announcement is made by the traffic officials of the G.T.P. that owing to the exceedingly heavy rains in the far west, which have delayed ballasting and otherwise affected the track, the through passenger service to Edmonton, which was to have gone into effect next week, will not be inaugurated until some time in September.

#### Alberta.

EDMONTON.—The Grand Trunk Pacific Railway steel gang, working two eight-hour shifts, is now well on the way from Edmonton to the Pembina River, sixty-eight miles west of Edmonton. Until the rails reach the river they cannot go on with the big Pembina bridge, which is to be a thousand feet long and two hundred feet high. Owing to the dearth of tall timber on the Pembina, the material for the false work used for constructing the Battle River bridge and the Clover Bar bridge will be forwarded and used at the Pembina, the superstructure for this high bridge is completed.

#### British Columbia.

NELSON.—For the past few days there have been reports of a race between the C.P.R. and Canadian Northern surveyors for a route down the Fraser, where it appears that the C.P.R. wants the south bank as well as the north. Engineer Bassett is in the Coquihalla with a large force of men and the belief is that it is the C.P.R. he is working for. With the link from Midway to Nicola connected up and a route down the Coquihalla to Hope the C.P.R. would practically have all the Boundary-Coast passenger traffic.

### LIGHT, HEAT, AND POWER.

#### Ontario.

LONDON.—A party of the Hydro-Electric Power Commission's men, under Engineer Clark, of Toronto, are here laying out the line between London and Stratford.

TORONTO.—In connection with the new Hydro-Electric power line the construction of the stations at Dundas and Niagara is already proceeding, and it is anticipated that they will be completed by December. The towers and telephone lines on the right-of-way of the transmission line are being rapidly put up. Two construction gangs are now working on the erection of towers and a third will be added next week, when it is expected that it will be possible to erect fifteen towers per day.

#### Alberta.

MEDICINE HAT.—The Brydges Engineering & Supply Company, of Winnipeg, are installing one of their Daniels gas engines for R. Mitchell. The engine will work with natural gas and will be used in a refrigerator plant.

### SEWERAGE AND WATERWORKS.

#### Ontario.

HAMILTON.—City Engineer Macallum has estimated the cost of building the new west end sewer at \$27,000.

LONDON.—The Council having finally passed the water by-law to expend \$123,700 for the artesian wells, pumping plant and new mains, it is now proposed to combine the water and power distribution plants on Horton Street, effecting a saving estimated at \$4,000 per annum.

#### British Columbia.

CRANBROOK.—The policy of the Cranbrook Municipal Council to acquire the ownership of public utilities has just been endorsed by an overwhelming vote in favor of their taking over the waterworks plant at a cost of \$70,000.

### TELEPHONY.

#### Quebec.

MONTREAL.—Estimates have been approved for increased facilities on the Bell Company's system as follows:—Exchange—Aerial—Port Hope, Gananoque. Rural Lines—Peterborough—Stewart, Toronto Township, Milliken, Wolfe Island. Underground—Port Hope—conduit and cable, Berlin—conduit, Ottawa—conduit, Toronto North—cable, Smith's Falls—conduit and cable, Three Rivers—conduit and cable, London—conduit. Long Distance Lines—Lindsay—Fenelon Falls, Rodney—Ridgetown, Lennoxville—Cookshire, Ste. Martine—Huntingdon, Jeune Lorette—St. Catherine, Que.

#### Manitoba.

WINNIPEG.—There are no fewer than 3,000 odd applications to the telephone commissioners for extensions of rural telephones. Construction work is being rushed forward all the time. The Turtle Mountain system has now been turned over to the Government. The Melita Arthur Telephone owners have applied to the Government to purchase their system, which is composed of telephone exchanges in the towns of Melita and Lyleton, and rural lines throughout the rural municipality of Arthur.

### CURRENT NEWS.

#### Nova Scotia.

SYDNEY.—The United Coke Company of New York have secured the contract for the erection of a number of coke ovens for the Dominion Iron and Steel Company and the work will be started immediately. The number of ovens to be constructed is 120. The new oven is of a different type and has a much greater capacity for coking than the old ones.

#### Ontario.

ALEXANDRIA.—The town council has decided not to open the tenders which had been received for the construction of the five-foot granolithic walk—nearly 3,000 feet in length. The plans and specifications were prepared by Mr. E. Perrault, C.E., of Ottawa. The council decided to return the tenders to the interested parties, amend the specifications, and call for new tenders.

OTTAWA.—The engineers intrusted with the drafting of plans for the new Quebec Bridge are expected to meet in Quebec on August 6 to confer as to their final report to be made to the Minister of Railways. It is hoped that the plans for the new structure will be completed in time to allow of calling for tenders early next winter.

PETERBORO'.—Popular voting took place July 29 on two by-laws. One is to raise \$32,500 to build a reinforced concrete bridge over the river at Smith Street, which carried by a majority of 139, and the other to raise \$21,500 for street extensions and filling the waterfront, secured a majority of 148.

#### British Columbia.

VICTORIA.—Applications are being invited for the position of chief water commissioner, from civil and hydraulic engineers, the salary offered being \$250 per month. These will be received up to and including Saturday, August 14th, by the Chief Commissioner of Lands.

#### Foreign.

MILWAUKEE, WIS.—The Cutler-Hammer Mfg. Co., of Milwaukee, makers of electric controlling devices, announces the opening of a Philadelphia Office, Room 1207, Commonwealth Building, and an engineer specially qualified to advise regarding the control of electric motors will be in charge of the new office.

### PERSONAL.

MR. ROBERT W. GRACE, formerly Superintendent at the Canada Foundry, Toronto, has left to assume his new duties as General Superintendent of the Platt Iron Works Company, of Dayton, Ohio.