

The 24-inch trunk main in Eglinton Avenue constitutes the principal artery of the system, so far as it applies to Section A, and had to be constructed before it was possible to obtain a permanent supply in that section. The 12-inch mains are necessary to afford the foundation of a satisfactory distribution and circulation of the water supply. Consequently, it was expedient to construct these in the first part of the programme of construction. The cost of the 24-inch trunk main is to be raised by a special rate on all the rateable property in Section A. The cost of the 12-inch mains is to be divided; 55 per cent. of the entire cost of the mains, together with the entire cost of the measuring equipments on the same, is to be raised by a special rate on all rateable property in the two sections, whilst the balance of 45 per cent. is to be raised on local improvement basis, and specially assessed on lots fronting and abutting directly on the works.

The council undertakes to lay water mains only where it considers that they are urgently required, and where they can be of immediate use to the residents, so as to improve the conditions already referred to. The 6-inch mains are laid as local improvements, that is, the council finances the work and will be refunded the cost by the property owners in annual instalments during a period of ten years. Building operations for about four years have been reduced to very small dimensions, compared with the needs of the district, because of the war and the difficulty of obtaining materials and labor at a reasonable price. There is a demand for houses, and when peace is declared, the demand will be much intensified. It is, therefore, deemed expedient, as far as possible, to pre-

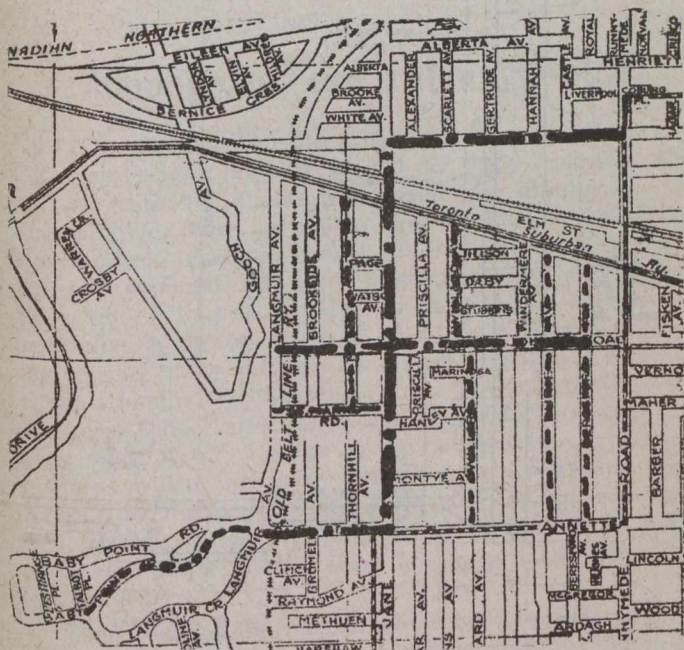


Fig. 3.

pare facilities to home builders, and to organize for future employment of the returned soldiers. During the season of 1918 about forty 6-inch reticulation or distributing mains were laid, extending over a total length of about ten and a half miles. The contractors were Messrs. Peter Mohan, J. H. McKnight, Orsiny Construction Co., Angelo Cavotti, Godson Contracting Co., Grant Contracting Co., Constructing and Paving Co. and Routley Road Co. The whole of the cast-iron pipes and specials were supplied by the National Iron Works Co., valves and hydrants by Messrs. Drummond, McCall Co. and Bawden

Machine Co., lead by Canada Metal Co., Venturi meter by Messrs. Allen General Supply Co., Helx meter by Messrs. Francis Hankin & Co., valve covers by Messrs. Tomlinson & Co.

It is necessary to point out, however, that there are a large number of streets which call for attention next season. The localities known as Fairbank, Silverthorne, Cedarvale, South Swansea, Bathurst Street, Northland and Spadina Road are yet to be dealt with. The areas which require water are suburban in character, and the magnitude of the undertaking is comparable to that

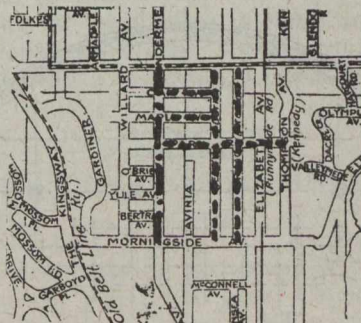


Fig. 4.

needed for a city of over 40,000 inhabitants.

The supply of water will be by meter, and the system is in charge of Mr. Hugh Hughes, superintendent of waterworks. The council consists of the reeve, Thomas Griffith; first deputy reeve, F. H. Miller; second deputy reeve, Robt. Barker; third deputy reeve, Wm. Graham; councillor, Charles McKay; clerk, Mr. W. A. Clarke. The entire work is being carried out under the direction of Mr. R. O. Wynne-Roberts, who is associated with Mr. Frank Barber.

DEVELOP NEW LEAD AT RENO

Development of a new lead on the Reno Mine at Sheep Creek has been carried out during the summer by W. B. Pool, the chief owner of the property. Mr. Pool says that the new lead parallels the main vein of the property, but that it is much larger and apparently carries higher values. It averages about 3 feet in width and has been proved by stripping and crosscuts for a distance of 1,700 feet. It is within 60 feet of the original Reno vein.

The final barrier in the tunnel connecting the east and west sides of the Red River has been broken. The tunnel is to bring the Shoal Lake water to Winnipeg, and all that now remains to be done is to place the cast iron lining and fill the space between pipe and rock with concrete.

COUNT that day lost
Whose low-descending sun
Sees in your hand
No Victory Bond or gun.

BUY ALL YOU CAN