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# Engineers—And what they are doing

## OTTAWA, ONT.

A new road is proposed between Ottawa and Prescott, to be financed in a manner similar to the Toronto-Hamilton road. It is estimated to cost \$10,000 per mile, and is 58 miles in length.

## NEW PIPE LINE.

The Commissioners of Lethbridge, Alta., decided to commence at once on the construction of the pipe line from the power plant to the top of the hill, to give work to the unemployed. The approximate cost is \$2,000.

## MUNICIPAL WORK IN SOUTH VANCOUVER.

Mr. S. B. Bennett, municipal engineer for the corporation reports that during the year 1914 211.8 miles of streets were cleared and rough graded; 45.3 miles macadamized; 6.6 miles paved, and 13.1 miles planked. There were 12.5 miles of sidewalks laid; 5.57 miles of double track, and 5.02 miles of single track street car lines; 2.08 miles double track and 4.70 miles single track inter-urban railway. Seven wooden bridges were built and 154 concrete catch-basins, 188 wooden catch basins, and 61 concrete manholes, constructed. About 15.7 miles of wooden box drains and culverts, 30 miles of sewers, 7.6 miles of storm sewers, 1.4 miles agricultural tile, and 10.49 miles of concrete and stone curbs were laid.

## ROAD EXTENSION.

The extension and improvement of the Lake Road in South Saanich municipality is soon to be under weigh. Tenders are already in hand, and it is expected that the contract will be awarded without delay. The estimated cost is \$29,500. This improvement involves the construction of a subway under the Victoria and Sydney Railway, and a culvert to drain surplus water from the Swan Lake district. Considerable grading is required on a section of the road about 6,000 yards in length. Another road improvement in this vicinity entails the expenditure of about \$30,000 on Shelbourne Street.

## HAMILTON, ONT.

Mr. Thos. Powers, the superintendent of the Hamilton waterworks department, states in his annual report that about 25,700 ft. of 6-inch pipe was laid in 1914, while about 1,800 ft. of pipe larger than 6 inches in diam. was used. The number of hydrants installed was 61, and of meters 69. The amount of service pipe laid during the year was 10.25.

The consulting engineer, Mr. Tyrrell, presented to the Board of Trade plans and estimates for a proposed high-level bridge between the Toronto-Hamilton highway, now under construction, and the Hamilton and Waterdown Road. It is proposed to build a steel structure with concrete piers and abutments, the estimated cost being approximately \$50,000.

## REGINA TO HAVE NEW WATERWORKS.

The city of Regina is optimistic in regard to future prospects for development as evidenced from the fact that the waterworks department is preparing plans for tapping additional sources of water supply. There is an abundance of water available from the present artesian wells to meet all possible demands from the existing population, but Regina is profiting from her experience of several years ago, when she was caught napping in this regard, and the increase in population was so great that the waterworks extensions could not keep pace. R. O. Wynn-Roberts, consulting engineer, has laid out plans to provide for additional water supply on short notice.—Exchange.