

## COAST TO COAST

**Guelph, Ont.**—The Board of Health has requested City Engineer McArthur to make a report on the city's water supply.

**Sarnia, Ont.**—The new Northern Navigation dock has been completed and is now ready for the use of the boats and wagons. The dock adds greatly to the appearance of the water front.

**Quebec, P.Q.**—The contractors on the St. Charles River improvements are busily engaged in dredging operations, so that navigation will be possible as soon as the locks and dam are finished.

**Calgary, Alta.**—A new proposition to provide pure water has been suggested by Ald. Fawkes. The scheme is one in which a series of filters would be installed, and would cost about \$80,000.

**London, Ont.**—The London and Port Stanley Railway Commission has decided to purchase the incline railway at Port Stanley, running from the beach to Fraser Heights, from the Port Stanley Amusement Company for \$1,600.

**Montreal, Que.**—M. J. Tremblay, chief of the fire department, has advised different commercial establishments that the city will shortly adopt the new system of underground wires for the special fire alarm system in the central part of the city.

**Vancouver, B.C.**—More than 22,000 feet, approximately  $4\frac{1}{2}$  miles, of the C.P.R. Roger's Pass tunnel under the Selkirk Range has been completed, and 25,000 feet, about  $4\frac{3}{4}$  miles, of the main heading has been driven, according to late progress reports received by the C.P.R.

**Ottawa, Ont.**—Formal notice has been given by the government of a bill respecting the Quebec and Saguenay Railway. It is understood that under the terms of the measure to be submitted to parliament the sum of \$4,000,000 will be set apart for the purchase and completion of the road.

**Toronto, Ont.**—The work on the Bloor Street viaduct is progressing very favorably. His Royal Highness the Duke of Connaught and Sir John Hendrie recently inspected the work and manifested great interest in the undertaking, which is perhaps the biggest the city has ever seen.

**Moose Jaw, Sask.**—The fifth annual report of the Moose Jaw Electric Railway Company, covering the year 1915, which has just been issued, shows the company to have operated at a gross profit of \$6,402.19 during that year, though this profit was more than absorbed by some damage actions against the company.

**Winnipeg, Man.**—Construction operations have been resumed on the Shoal Lake aqueduct. With the exception of Boggy River, where water is holding up the engineers, every part of the aqueduct groove is dry. The construction companies will proceed on all their contracts and within a week the work will be general. With the experience gained last year it is expected that greater progress will be made during 1916 than in 1915. Possibly 1,000 men will be employed.

**St. Catharines, Ont.**—The work on the Welland Ship Canal as far as the contracts have been given out is progressing favorably, and all indications are that with the exception of the section at Thorold, where considerable

blasting has to be done, the work will be completed on scheduled time. The work on sections 1, 2, 3 and 5, the sections for which contracts have been let, is progressing very favorably, and with the exception of section 3, will be finished on schedule time, 1917.

**Owen Sound, Ont.**—The dry dock proposition, which has been before Owen Sound off and on for the last six years, is again a live issue here. When in Toronto Mayor Little was interviewed by a Mr. Stephens, of Niagara Falls, who is desirous of promoting the dry dock scheme. The late Mr. Wood, who was behind it, and in whose hands it came almost to fulfilment, was from Niagara Falls, and Mr. Stephens expresses himself as willing to take up the plans where he left off. In 1912, the government agreed to grant the usual dry dock subsidy, and a by-law was passed in Owen Sound granting \$200,000 toward the scheme.

**Calgary, Alta.**—The Rogers Pass tunnel is nearing completion, and according to recent reports it should be ready for traffic in a couple of months. To prevent water seepage the tunnel is to be completely lined with concrete. This work is now being carried on speedily, the cement for the work coming from the Canada Cement Company at Calgary. The Rogers Pass tunnel will be the first all-concrete-lined tunnel in Canada, and one of the few on this continent. It is an expensive procedure, but assures against ordinary slides and falling rocks within and the consequent danger of derailment and wrecks. This lesson was severely learned in the case of the spiral tunnels at Field, B.C., which were partly lined with timber and partly unlined in any way, and to this day have given great trouble from streams of seeping water in summer and ice in winter.

**Toronto, Ont.**—The failure of expert divers last fall to detect the defective cribwork in the new ship channel in connection with the reclamation work and harbor improvements at Ashbridge's Bay has necessitated the pressing into service of the hydraulic dredge "Tornado" of the Canadian Stewart Company. Owing to the muddy condition of the water it has been impossible for the divers to examine the work properly. In order to do the work more efficiently with the assistance of the hydraulic dredge sheet piling had to be installed across the channel, while it was found necessary to dyke the channel near the turning basin. Millions of gallons of water will have to be pumped out of the channel before the engineers will be able to make a proper inspection of the defective cribwork, a portion of which has already caved in and allowed the sand to pour into the bottom of the channel.

**Hamilton, Ont.**—The proposed coke ovens, which have been mentioned in this column before, are to be erected, according to representatives of the United Gas and Fuel Company, who were in conference with the Board of Control. Under the agreement the Hamilton By-Product Coke Ovens Company will commence at once the erection of its ovens here, the same to be completed and in operation in 1917. To take care of the intervening time, especially the coming winter months, the United Gas and Fuel Company has agreed to make such extensions to its artificial gas plant as may be required to maintain a supply equal to the demands. Furthermore, the company will conserve all the natural gas obtainable for use in this city. As to price, it was announced that the agreement was most satisfactory, the company having stated a maximum amount for both coke gas and also for the mixed product. In the latter case until the percentage of natural gas falls below half of the whole output, the price will remain at that charged for natural gas.