

## COAST TO COAST.

**Niagara Falls, Ont.**—A by-law to raise \$3,900 for increased fire-fighting apparatus carried at the recent election. The by-law to bonus the Vermont Marble Company to the extent of \$5,000 was defeated. The money is now being raised by private subscription.

**Province of Alberta.**—Mr. Charles Mohr, a civil engineer of Seattle, Wash., after an extended trip through northern Alberta, is endeavoring to interest Alberta municipal authorities into the possibilities of the asphalt deposits of this territory. In his estimation the civic authorities should take immediate steps to secure the mineral rights on these resources and then work them jointly.

**Transcona, Man.**—The second unit in connection with the large Grand Trunk Pacific shops and yards at Transcona, near Winnipeg, has recently been completed. The cost of the first and second units is \$500,000, and they include car works foundries, locomotive roundhouses, and 110 miles of trackage in the yards. The shops are among the best on the continent, and all the G.T.P. freight from Western Canada will be handled at the yards there.

**Vancouver, B.C.**—The Minister of Public Works has received the report of Edward White, the British landscape artist engaged to suggest the location of new departmental buildings on Wellington Street in this city. The report is understood to be the direct opposite of what was proposed by Frederick Todd, of Montreal. The latter favored seven or eight buildings. Mr. White would group the structures and have them fewer in number. The government will decide which plan is preferable and then will likely ask for competition designs.

**Prince Albert, Sask.**—A report with reference to the civic administration and city development of Prince Albert is being made by Messrs. E. A. James and T. Aird Murray, of Toronto. The report will be made at the first meeting of the city council this year, will deal with the duties of the works commissioner and city engineer, and will incorporate certain suggestions regarding streets, park system, types of suitable pavements, railroad crossings, sewage and water supply, etc.

**Ottawa, Ont.**—The Ottawa city council have decided to engage two British experts, Sir Alexander Binnie, of London, Eng., water engineer, and Dr. Houston, scientific adviser to the Metropolitan Water Board, of London, Eng., to report upon the best supply of pure water for this city. The arrangements for the engaging of the experts were made through Lord Strathcona, high commissioner for Canada, at the request of Premier Borden and Mayor Ellis. Sir Alexander Binnie and Dr. Houston were recommended by Rt. Hon. John Burns, president of the local government board in the Asquith ministry.

**Toronto, Ont.**—Works Commissioner Harris, in a report to the city council, states that the slow sand filtration plant finished last year for the city supply of water, leaks from five to six million gallons a day. The leakage into the clear water reservoir is nearly 3,000,000 gallons per 24 hours. A special meeting of the Board of Control will discuss the question of obtaining an independent expert's report on the whole question. The results of the test by Commissioner Harris do not coincide with the evidence as given before Judge Winchester at the recent investigation. It was stated then that the total leakage was not over 500,000 gallons a day.

**Montreal, Que.**—Plans are being prepared in Montreal for a structure, 56 by 75 feet, ten stories in height, to be erected next spring for the Bank of British North America

at Edmonton, Alta. The cost of the building, which will occupy a double corner at Jasper Avenue and First Street, is placed at \$1,000,000. It is given out that separate tenders will be called in Montreal and Edmonton within six weeks. The building will be steel and brick with ornamental stone facings and is to be fireproof throughout. The entire ground floor will be used by the bank, a portion of it being reserved as residence quarters for members of the bank staff. The rest of the building will be used as offices.

**Saskatoon, Sask.**—Following the announcement of the selection of a site for the hospital buildings in connection with the University of Saskatchewan several of the daily papers have given publicity to a report which stated that the site was too low to provide suitable drainage into the present sewerage system without the expenditure of much money. It is learned that provision has been made, however, to have the design of the new traffic bridge, that is to be erected by the provincial government, altered in such a manner that the drainage from the hospital site may be carried over and connected with the intercepting sewer at 25th Street. The civic power cables will also be strung beneath this bridge.

**Province of Ontario.**—The Hydro-Electric Power Commission of Ontario, Continental Life Building, Toronto, propose some time before the end of January, to call for tenders for the various materials necessary in connection with the construction of approximately 125 miles of double circuit transmission line at 110,000 volts and the necessary equipment for sub-stations for the transforming of 20,000 h.p. from the line to 13,200 volts. Various types of apparatus will be considered; for instance, the different materials for conductors and different types of steel construction for supports. As mentioned above, specifications will be issued about January 15th, and the tenders will be called for in March.

**Montreal, P.Q.**—The city garbengers will take no more waste picture films to the incinerator in the west end of Montreal. A few days ago an explosion followed the throwing into the large oven of a quantity of the celluloid substance which contains guncotton in its ingredients. The picture films which were sent to be destroyed by one of the picture show establishments of Montreal, were regarded as ordinary garbage. This has been done before but the films were in smaller quantities and nothing was thought of the little puff and the report which followed. But this time a genuine explosion occurred, which set fire to the building. The electric light connections were also burned out. The fire was quickly under control, and Superintendent Chenevert informed the board that the total loss was only about \$15.

**Sandwich, Ont.**—A new steel plant costing over \$20,000,000 which will turn out practically all classes of steel is to be built shortly at Sandwich Ont., by the United States Steel Corporation on a property of 1,500 acres with a water frontage of one and a half miles opposite Detroit which it has owned for several years. It is understood that the plant will be built and operated by the Steel Corporation. The present intention is to build a wire mill, rail mill, bar mill and possibly several others. To operate the plant a new subsidiary of the United Steel Corporation will be organized in the Dominion. The corporation's business with Canada in the past has ranged from 350,000 to 400,000 tons annually, representing from \$12,000,000 to \$15,000,000. The average duty on its sales has been between \$6 and \$7 per ton. It is expected that a considerable part of the products of this plant will be marketed throughout the Empire.

**Edmonton, Alta.**—A ten-story building at a cost of \$250,000 is being erected at First and May Streets, to be known as the Royal Alexandra Hotel. The foundation has been completed and six stories will be erected in 1913, four floors being added in 1914. The plans, prepared by Messrs. Van