

COAST TO COAST.

Vancouver, B.C.—The contract for the building of the new police headquarters has been awarded to Mr. C. F. Perry, his tender being for \$250,000.

Montreal, Que.—Canada has now 26,727 miles of railroad in operation, and 3,466 miles under construction. Gross earnings of Canadian railroads in 1912 increased 16.2 per cent.

Winnipeg, Man.—A report issued by the highways commissioner for the province of Manitoba shows that a sum of over \$1,000,000 will be spent during 1913 on the highways of the province.

Montreal, Que.—The Montreal Trust Company estimate the total output of the Cedar Rapids plant, when completed, to be 100,000 horse-power. This would mean an annual revenue of \$3,500,000.

Montreal, Que.—Mr. George Janin, in his report to the Board of Control, estimated that it will cost three and a half million dollars to pave streets and sidewalks that are not paved now within a radius of two miles of the city hall.

Minneapolis, Minn.—The Minneapolis, St. Paul and Sault Ste. Marie Railroad will spend \$25,000,000 in building 725 miles of new road, which will cross Montana and strike the Canadian Pacific road somewhere near the Montana-Idaho boundary line.

Hamilton, Ont.—The council has decided to contribute \$25,000 towards the construction of the proposed concrete highway between Hamilton and Toronto, provided the Ontario government builds and maintains the new road starting where the asphalt pavement ends at the cemetery gate.

Guelph, Ont.—County Road Superintendent J. M. Young reported that the amount of money spent under the Highway Improvement Act for road and bridge construction from November 16th, 1911, to December 31st, 1912, was \$33,597.38, of which \$13,242.38 was for bridges and \$20,355 for roads.

Sault Ste. Marie, Ont.—The H. E. Talbott Company of the Soo, have been awarded the contract for the construction of a 1,500 foot dam and the installation of a complete hydro-electric system at Grand Mere, Que. The contract involves a sum of over a million and a half and 1,000 men will be employed on the work.

Vancouver, B.C.—The province of British Columbia stands third among the provinces in the Dominion in amount of articles manufactured, producing \$65,204,235 worth of goods; and fifth in the cities of the Dominion in the rate per cent. of increase of values of products with 695.16 per cent. for 1910.

Victoria, B.C.—Mr. W. Fleet Robertson, provincial mineralogist, has completed a preliminary review and estimate of the mineral production of the province of British Columbia for the year 1912, which sets the total value of the production for the past year at \$32,606,000, or \$9,106,928 in excess of the production for 1911.

Calgary, Alta.—Mayor Sinnot has submitted an estimate to the city council, providing for a \$10,000,000 pipe line from Bow Island to Calgary and neighboring points, to be controlled by the municipalities and retailed at cost to manufacturers and other consumers. The Bow Island town council is preparing to operate municipal gas wells and furnish this natural fuel free to manufacturers locating here.

Hamilton, Ont.—Jas. Bain, electrical engineer, in his report shows that during the four months the two electrical pumps were in operation the cost per million was \$6.35, while during the eight months coal was used the cost was \$7.01. With the combined use of electrical power and coal, however, the average cost per million gallons was \$5.23, the net saving by the use of steam to keep down the peak load being \$1.11 for every million gallons.

Sarnia, Ont.—The Huron Lake Shore Railway, with a capital of one million, are seeking a charter to construct not only a railroad from Sarnia to Seaforth, but also a line of steamboats is contemplated by the company, which will mean the building of wharves, warehouses and other adjuncts of marine shipping. Telegraph and telephone service will also follow the line of the railroad. It is understood that hotels, pleasure resorts along the proposed route are possibly to be included in the plans of the company.

St. Thomas, Ont.—The City Council have awarded the contract for the construction of the new Just Wright shoe factory to Albert E. Ponsford, his tender for the complete work being \$33,953. Other contracts in connection with the work are as follows: Sprinkling system, to cost \$3,100; the General Fire Equipment Company of Toronto; vault doors, costing \$56.25, Ford & Fetherston, of Hamilton; electric elevator, \$520, will be supplied by the Otis-Fensom Company. The factory, complete, will cost \$37,629.25.

Hamilton, Ont.—Articles incorporating the International Harvester Corporation, with an authorized capital of \$70,000,000, was filed with the secretary of state at Trenton, N.J., the incorporators being connected with the International Harvester Company, a concern already chartered under the laws of New Jersey with an authorized capital of \$140,000,000. The new corporation has been formed for the purpose of taking over the business and properties of the International Harvester Company in foreign countries, including the manufacturing plants in Canada, France, Sweden, Germany and Russia.

VANCOUVER BRANCH OF THE CANADIAN SOCIETY OF CIVIL ENGINEERS.

At the annual meeting of the Vancouver branch of the Canadian Society of Civil Engineers, held on 20th January, 1913, the following officers were elected for the ensuing year: Chairman, G. E. G. Conway; vice-chairman, L. G. Robinson; secretary-treasurer, F. Pardoe Wilson; executive, C. E. Cartwright and W. A. Clement. Secretary's address, 422 Pacific Building, Vancouver.

ALBERTA ARCHITECTS' ASSOCIATION.

The annual convention of the Alberta Architects' Association was held January 23, 24 and 25, at the Edmonton Board of Trade Rooms, Edmonton, Alta. The following officers were elected for the coming year: President, R. W. Lines, Edmonton; hon. president, G. M. Lang, Calgary; 1st vice-president, Jas. Henderson, Edmonton; 2nd vice-president, J. J. O'Gara, Calgary; hon. secretary, W. D. Cromarty, Edmonton; hon. treasurer, G. H. McDonald, Edmonton. The following is the newly elected council: R. P. Blakey, Edmonton; L. Gibbs, Edmonton; Geo. Fordyce, Calgary; W. S. Mayor, Calgary, and R. P. Barnes, Edmonton.

MEETING OF THE SOCIETY OF CHEMICAL INDUSTRY.

A largely attended meeting of the Society of Chemical Industry was held last week in Montreal. Prof. R. F. Ruttan was in the chair. The lecturer of the evening was Mr. James O. Meadows, superintendent of the filtration plant of the Montreal Water and Power Company, who spoke on "Water Purification," with special reference to rapid sand filtration. In the course of his lecture he described various forms of chemical and mechanical filtration, and referred to the systems being installed for Montreal and suburbs. The lecture was followed by an interesting discussion.