

VANCOUVER SEWAGE SYSTEM.

It is estimated that the carrying out of the work for the Greater Vancouver joint sewage system will entail an expenditure of \$6,000,000. The Burrard Peninsula Joint Sewage System Committee have received the report of Mr. R. S. Lea, consulting engineer, which was practically a synopsis of the final report he anticipates being able to present before the end of the year.

In this report Mr. Lea, states in regard to the matter of population, that he estimates the city's population will have increased to 1,400,000 by the year 1950.

The report states that the most suitable points for discharge would be English Bay, off Imperial Street, about a mile out; Burrard Inlet, at any point except the shore of Coal Harbor between Brockton Point and Evans, Coleman & Evans' wharf; and the Fraser River, where it would be unwise, he states, to fix any point at the present time, but probably the most suitable point would be the low lying land near the Indian Reserve, for the area draining to the North Arm, and the flats near the mouth of the Brunette River for the area draining to that locality.

The lines of the proposed interceptors and trunk sewers are exhaustively dealt with, and refer to the English Bay and False Creek area, showing a foreshore line and an alternative tunnel line; the Balaclava, Bridge Street and Burrard Inlet areas; the Clark Drive, Stanley Park and Hastings Park outfalls; the Burnaby Lake and the Fraser River area.

On the subject of the constitution and powers of a joint board, Mr. Lea states as follows:

"In my final report I shall submit a draft of an act, together with methods of apportionment and assessment, etc., under the provisions of which I consider acceptable ways and adequate means may be found, for the inception, execution and operation of the Burrard Peninsula Joint Sewerage Scheme.

"I hope this preliminary report will give the committee such information as they desire at the present time. My final report, which will really only be an enlargement and elaboration of this present one, together with the data on which my conclusions are based, will be presented to you next month."

THE INTERNATIONAL ROAD CONGRESS.

Formation of a Traders' Committee.

The organization of the International Road Congress, to be held in London in June next, is in the hands of a committee formed of representatives of highway authorities, scientific institutions, learned societies, organizations of automobilists, cyclists, road users and others.

The Organizing Council received some time ago offers of practical assistance from firms and others engaged in the road industry, and it was decided to form a Traders' Committee.

This committee is composed of representatives of all branches of road-makers, including manufacturers of steam rollers and other heavy machinery, road-tarring appliances, stone paving and firms engaged in the construction of bituminous roads, wood-paved roads, quarry owners and others. The president of the committee is Lord Cowdray; the vice-president, Mr. Edward Hickman, J.P.; the chairman, Sir Herbert Praed, and the vice-chairman, Mr. E. B. Chittenden. Other members of the committee are: Messrs. J. W. Ash-down, H. K. Bamber, J. G. Barford, H. D. Blake, H. F. Berry, F. E. Bristowe, F. M. Bond, A. Brooks, W. Chappell, S. Constable, D. G. Comyn, L. Cooper, A. E. Dalzell, J. Duffy, H. T. Elliston, H. Grace, W. T. Graves, W. Pen-

rose Green, T. J. Jennings, J. Mackay, W. Manuelle, T. Milne, P. Morris, H. Pitts, J. Purdy, Gibson Thompson and John Ward. The honorary secretaries are Messrs. H. Beadle and H. L. Wetteim.

The Executive Committee of the Congress will be glad to welcome any further offers of assistance, and to make any additions which may be necessary to secure that all branches of the industry are adequately represented.

AMERICAN ASSOCIATION OF MANUFACTURERS OF SAND-LIME PRODUCTS.

The ninth annual convention of this organization was held on December 3rd and 4th at the King Edward Hotel, Toronto. President S. O. Goho, of Harrisburg, Penn., occupied the chair. There was a large attendance. Among the technical papers presented were "The Results of Testing Sand-lime Brick," by Warren E. Emley, of the United States Bureau of Standards, Pittsburg; "The Present Condition of the Industry," by W. H. Crane. The delegate made an inspection of the local plants of the Toronto Sand-lime Brick Company and the Toronto and Harbor Brick Company, and declared the bricks equal to those manufactured in the large American cities. The election of officers resulted as follows: President, S. O. Goho, Harrisburg, Penn.; vice-president, F. B. Allan, Toronto, Ont.; secretary, W. G. Plummer, Jr., Buffalo, N.Y.; treasurer, John L. Jackson, Saginaw, Mich. Harrisburg, Penn., was chosen as next place of meeting.

CANADIAN MINING INSTITUTE (OTTAWA BRANCH) MEETING.

At a meeting held in Ottawa, December 4th, a branch of the Canadian Mining Institute was organized. The following officials were elected: Chairman, W. R. Askwith; secretary, George L. Burland; executive committee, J. McLeish, G. C. McKenzie, Dr. A. D. Cairns, Robert Harvey and W. J. Dick. Dr. A. E. Barlow, president, and H. Mortimer-Lamb, secretary of the Canadian Institute, gave addresses on the work and aims of the organization.

PERSONAL.

JOHN ROOKE-CROOWELL has been appointed manager of the Cordova mine, in Hastings County, Ont. He was formerly in California and more recently in Mexico.

W. P. NEAR has been appointed city engineer for the municipality of St. Catharines, Ont. For some time he has been resident engineer of the main drainage works, Toronto.

J. P. FORDE, of Revelstoke, for the past two years resident provincial engineer for this district, has been appointed resident federal government engineer for the whole of Kootenay electoral riding in succession to Hon. F. W. Aylmer.

ARTHUR N. JOHNSON, M. Am. Soc. C. E., State Highway Engineer of Illinois, on December 13th delivered an illustrated lecture on "Cement-Concrete Highway Bridges" before the graduate students in Highway Engineering at Columbia University.

FRANCIS P. SMITH, M. Am. Soc. C. E., Chemical and Consulting Paving Engineer, New York City, on December 20th, delivered an illustrated lecture on "The Mining and Refining of Asphaltic Oils" before the graduate students in Highway Engineering at Columbia University.

D. I. ROBERTS, of Montreal, general manager of the Napierville Junction Railway, and general manager and