

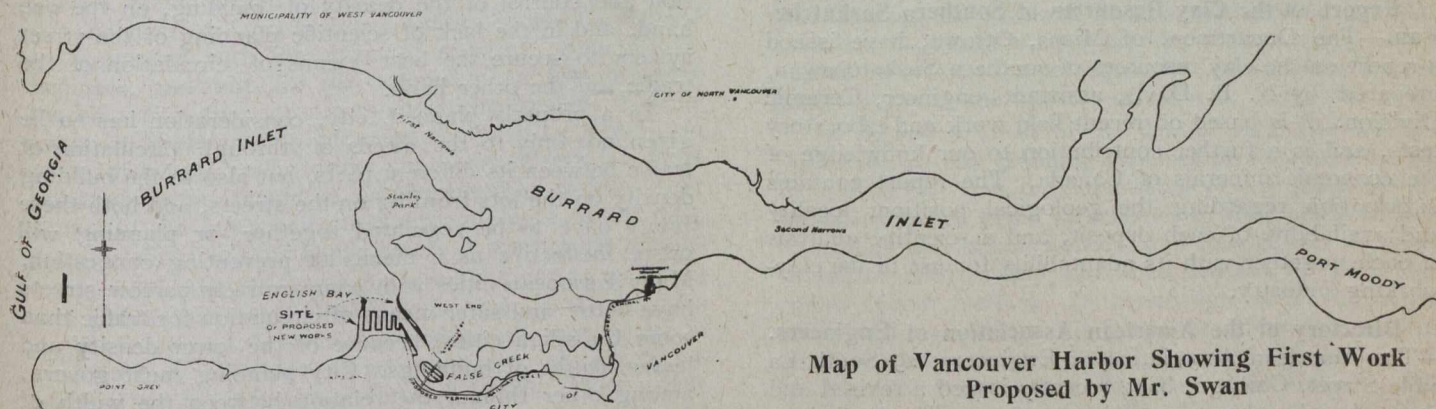
Will Plan Development of Vancouver Harbor

Government Asks Consulting Engineer To Lay Out Work Proposed To Be Done During Next Twenty Years

As a result of an interview with Hon. C. C. Ballantyne, Minister of Marine, it has been announced by H. H. Stevens, M.P., that the minister has selected Andrew Don Swan, consulting engineer, of Montreal, to make a report to the government regarding the proposed development of Vancouver Harbor. Mr.

Mr. Swan, is indicated on the accompanying map.

Conferences are now being held by Mr. Ballantyne with several steel ship builders regarding work on the Pacific coast, and it is expected that further announcements will be made of new shipbuilding contracts for Vancouver.



Swan's report will be very comprehensive, covering all development work proposed to be done during the next twenty years.

It is said to be the intention of the government to commence the improvement of this harbor at the earliest possible date. The first work to be done, as proposed by

Map of Vancouver Harbor Showing First Work Proposed by Mr. Swan

Mr. Stevens has been in Ottawa for more than a week and has held a number of conferences with Sir Robert Borden and Mr. Ballantyne, and has announced that the difficulties hitherto existing in regard to additional shipbuilding contracts for Vancouver have now been removed.

PUBLICATIONS RECEIVED

The Diesel Engine.—By Herbert Haas. Bulletin No. 156 issued by the Bureau of Mines, Department of the Interior, Washington, D.C.

For Private Estates.—Booklet distributed by the Barrett Co., New York, Montreal, Toronto, etc. Printed on coated paper, 6 in. x 9 in., printed in two colors. 32 pages. Consists mostly of full-page illustrations of driveways on private estates.

Tarvia Meter.—Issued with the compliments of the Barrett Co., New York, Montreal, Toronto, etc. A circular slide rule showing the quantity of Tarvia required per mile at various applications, and distances covered by various tank capacities at specified quantities per square yard.

Jeffrey Belt Conveyers.—Catalogue No. 175 has just been issued. It contains a great deal of practical information for all who are interested in the handling of material. It is fully illustrated and carefully cross-indexed. The catalogue is being sent out from the Canadian office of the Jeffrey Manufacturing Co., Power Building, Montreal.

Turbine Water Wheels.—Bulletin 54, issued by the William Hamilton Co., Ltd., of Peterborough, Ont., Canadian manufacturers of Leffel turbine water wheels. 6" x 9", printed on coated paper, 32 pages and cover, numerous illustrations in several colors showing cross-sections of typical installations and numerous tables giving statistics of turbines of various characteristics.

Analysis of Canadian Fuels.—Bulletin No. 22, issued by the Department of Mines, Canada, is compiled by Edgar Stansfield, M.Sc., and J. H. H. Nicolls, M.Sc. The field will be covered in five parts. Bulletin No. 22 comprises Part I, which deals only with the Maritime Provinces. The positions and relative values of the various fuel areas are indicated and their composition given in tabular form.

The Annual Report of the Department of Public Highways, Ontario, for 1917, has recently been published. It has special reference to work carried on by the counties of Ontario under the Act to Aid in the Improvement of Public Highways. A series of appendices accompany the report, dealing with the various phases of road and street construction and maintenance, traffic conditions, etc.

Condensers, Pumps, Cooling Towers, etc.—Bulletin 112-A, issued by the Wheeler Condenser and Engineering Co., Carteret, New Jersey, discusses the two general classes of condensers, surface and jet, besides describing and illustrating vacuum pumps and cooling towers of various types. It indicates ways of installing vacuum and condensing equipment, and gives information regarding methods, results and costs in a variety of plants.

Tests to Determine the Rigidity of Riveted Joints of Steel Structures.—The University of Illinois, Urbana, has recently issued Bulletin No. 104, compiled by Wilbur M. Wilson and Herbert H. Moore, of the Engineering Experiment Station. It describes a series of tests, with apparatus and methods of testing, followed by a discus-