

Gantry for St. Lawrence Power Project will be similar to this completely enclosed 250-ton unit, built by Dominion Bridge for Aluminum Company of Canada.



W. L. Laing, chief crane designer at Dominion Bridge, is shown with two of our staff of mechanical engineers. They worked with others on the design of this major project.

Douglas D. Hunter, (left) B. Eng., has been with the Company since 1936, with interruptions for war service and college work.

Gerald Rothschild, (right) B. Eng., has been with the Company since graduation.



## *Dominion Bridge Engineers Design*

### **300-TON "TRAVELLING POWER HOUSE" FOR ST. LAWRENCE POWER PROJECT**

... designed by our mechanical engineers, one of the largest gantry cranes ever built is now under construction at the Robert H. Saunders Generating Station, Cornwall, Ont.

This crane, weighing over 400 tons, illustrates a new trend in design. Completely enclosed, it serves in effect as a "travelling powerhouse". It incorporates no less than 30 motors for various hoisting and travel movements and has all the facilities and functions normally provided in a conventional powerhouse. This project typifies the extensive resources and experience of the Company in the field of mechanical engineering.

Dominion Bridge, an all-Canadian Company, is the foremost fabricator in Canada of bridges and steel structures.

Less well known is Dominion Bridge's leadership in other engineering fields. Cranes and other handling equipment, hydraulic machinery, boilers for heating and process steam requirements, mining machinery, refinery towers, pulp mill digesters, oil well machinery—these are but a few examples of the diversification of Dominion Bridge operations.

To-day, we have the largest and strongest Canadian force of design engineers in our field. Much of their work is of a pioneering nature, and they are constantly being called upon to solve problems connected with large projects in virtually every type of industry. Theirs is a never-ending challenge.

## *Build a Future with Dominion Bridge*

There are interesting careers awaiting young civil and mechanical engineers in Dominion Bridge Company Limited. With 15 plants from coast to coast, we are now engaged in the largest expansion programme of our 74-year history.

You are cordially invited to write to Mr. W. Hagen, Manager, Robb Engineering Works Limited, Amherst, N.S., for descriptive booklets or further information on any question you may have in mind. Please mention this publication.