

by the staff of the Department. The only expenditure for such services was the salary of a draughtsman for a few weeks. Apart from the reinforced concrete construction involved, all the work was carried out by the staff of the Supervising Engineer of the University.

It may be mentioned that through the courteous cooperation of the owners of the Back River Power development, recently completed, and at no cost to the University, a small section of the dam was so constructed as to provide for hydraulic experiments involving the use of much larger quantities of water than are available in the laboratory. This provision makes possible the carrying out of certain kinds of tests either by the Montreal Island Power Company or by this Department, whenever desired.

The Highways laboratory occupies a room in the basement of the Engineering Building, in close proximity to the Strength of Materials laboratory. It contains the necessary equipment for conducting standard tests of highway materials as well as some apparatus which was built for use in special investigations. The laboratory courses are designed to familiarize students with the peculiarities of the materials with which they will have to deal.

This laboratory has been freely used by municipalities and railways. Thus, for example, over one hundred