

### ANNUAL MEETING OF CIVIL ENGINEERS.

The annual meeting of the Canadian Society of Civil Engineers opened in the Society's rooms, Montreal, on Tuesday, January 24th, with the president, Lieut.-Col. W. P. Anderson, of Ottawa, in the chair. There were probably one hundred members present.

The report of the council was read. It stated that the total membership was 1,253, made up of 10 honorary members, 386 members, 382 associate members, 38 associates, and 437 students. The membership in the preceding year was 1,145. The Gzowski medal for 1903-4 had been awarded to Mr. J. A. Jamieson for his paper on "The Pressure of Grain in Deep Bins, and the Problem of Grain Bin Design." Prizes for students' papers had been awarded as follows:—Electrical, Mr. C. H. Wright, "An Investigation of a 16-Kilowatt Constant Current Transformer"; mining, Mr. L. Heber Cole, "The Centre Star Mine, Rossland, B. C."; general, Mr. J. M. Hogan, "Port Colborne Harbor Works." The examiner for the mechanical section had reported that none of the papers submitted to him were of sufficient merit to justify recommendation for a prize.

A desultory discussion took place upon the best way in which the society could help those residing at remote distance from headquarters and it was decided that the Council should take the matter up and endeavor to formulate plans for making the society more interesting and valuable to outside members.

In the evening the President delivered his annual address, in which he said in part: "As engineers, we have good reason to feel proud of our past achievements, and by them we know that we are justified in looking forward confidently to a brilliant future. This splendid young country owes much to those members of our profession who developed its network of railways, its system of canals, its public works, its mining machinery, and its splendid mechanical and electrical installations. With increased population and resources, the demand for further railway and industrial extension is rapidly growing greater and more urgent."

The President referred to the water powers of the country and pointed out that a further source of prospective riches to Canada was the plentiful presence of the constituents of Portland cement in places convenient for shipment. The inception of another transcontinental railway was spoken of as the most important event of the year in Canada, from an engineering point of view, and it was stated that this great national undertaking would for many years to come create a demand for the services of engineers of all grades, that could not but be stimulating to the profession.

A subject that appeared to demand the immediate attention of the society, was the advocacy of the establishment of some central bureau for the registration of plans of all surveys in Canada, and cognate to this question was that of better surveys of the whole Dominion. Work heretofore done had not been based upon any gener-

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