

THE ENGINEERS' CLUB OF TORONTO.

The third annual meeting of the Engineers' Club of Toronto was held in the rooms of the Society, 94 King street west, on Tuesday, January 7th. The attendance of members was unusually large, and included the following:

F. W. Barrett, C. M. Canniff, W. A. Clement, C. L. Fellowes, Henry A. Gray, A. H. Harkness, E. H. Keating, W. H. Law, A. F. Macallum, W. H. Patton, J. B. Shields, Wm. Spry, R. F. Tate, Jno. Williams, M. J. Butler, J. H. Chewett, C. E. Cooper, Jno. Galbraith, R. A. L. Gray, A. L. Hertzberg, A. B. Lambe, Wm. Monds, G. R. Mickle, T. R. Rosebrugh, F. L. Somerville, L. B. Stewart, E. B. Temple, W. J. Withrow, A. A. Bowman, Willis Chipman, Henry F. Duck, K. Gamble, W. F. Grant, H. S. Holcroft, H. J. Lamb, N. M. McLeod, H. H. Miller, C. H. Rust, T. B. Speight, J. G. Sing, A. J. VanNostrand.

The chair was occupied by the president, Mr. A. L. Hertzberg. After the reading of minutes and correspondence, the report of the executive was presented by the secretary, Mr. Willis Chipman. This report reviewed very carefully the work of the Club during the past year, and on motion of Mr. Chipman, seconded by Mr. H. F. Duck, it was unanimously adopted.

Mr. C. M. Canniff, treasurer, then presented his report, which was of a most encouraging nature. The receipts were shown to be \$589.09, and the balance on hand \$309.50. This balance, it was stated, is more than sufficient to pay the entire expenses of the Club up to the fiscal year ending October, 1902, when fees for next year will be forthcoming, whereas there are outstanding fees for the current year which will increase the receipts. Several members expressed their pleasure to learn of the prosperity of the club, and the report was unanimously adopted.

The reports of the Room Committee and the Library Committee were read and adopted. Mr. Duck made a brief verbal report for the Finance Committee.

The president referred to the excellent work done by Mr. Chipman as secretary of the Club, stating that he voiced the sentiments of every member in this respect. On behalf of the members, he presented Mr. Chipman with a handsome gold pencil as a token of esteem for his faithful work for the Club since its inception. Mr. Chipman expressed his appreciation of the gift. He regretted that his professional work, which frequently called him out of the city, had debarred him from giving as much attention to the affairs of the Club as he would desire.

The following persons were elected members of the Club: Campbell Reeves, C. W. Dill, F. L. Gagnon, J. G. Sing, W. J. Bowers, G. H. Power, F. W. Thorold,

Toronto; Vaughan M. Roberts, St. Catharines. Two amendments to the constitution, introduced by Mr. Duck, were carried. The first provides that there shall be a second vice-president of the Club. The second is to regulate the annual fee. It provides that persons becoming members of the Club during the months of November, December, January and February shall pay an annual fee of \$5, but that persons joining during the months of March to October inclusive shall pay at the rate of 50 cents per month for each month during which they are a member prior to October 31st, the close of the fiscal year.

Votes of thanks were tendered to Capt.

Willis Chipman (re-elected); treasurer, H. F. Duck; directors, T. R. Rosebrugh (re-elected), Capt. Gamble and E. B. Temple.

Mr. Duck gave notice of a motion to amend the constitution by adding that the immediate past president be a member of the executive committee.

After adjournment a light luncheon was served in the Club rooms.

THE NEW PRESIDENT.

Major Henry Alfred Gray, M. Inst. C. E., M. Can. Soc. C. E., who has been unanimously elected president of the Engineers' Club for 1902, was educated under Dr. Charles Baker, at Doncaster, Yorkshire, and at Salfrey College, near Birmingham. He entered the service of the Midland Railway of England, where he served as a student engineer, etc., under the late Sir James Allport. In 1863 he terminated his connection with the railway, passing the examination for the Royal Engineers, and was afterwards stationed in the West Indies, from 1864-66. He came to Canada in 1866, joined the engineering staff on Exploratory Surveys of the Intercolonial Railway, and acted on surveys and location till 1871, as assistant engineer. In 1871 he was appointed by the Commissioners, Engineer in Charge of the construction of a portion of the Nova Scotia section of the railway. In 1873, upon the completion of the road, he was appointed upon the staff of the Public Works Department of Canada, as Engineer of Permanent Way on the Intercolonial Railway, and held this charge until 1875.

From 1875 to 1878 Major Gray was Chief Engineer of the Cape Breton Company's Railways, completing the narrow gauge line from Sydney to Louisbourg; was also Consulting Engineer for the Londonderry Iron and Steel Works, Nova Scotia; Engineer in charge of the Western Counties Railway Construction in Nova Scotia, and City Engineer of Dartmouth, Nova Scotia, designing and laying out the proposed water works and other improvements for that city. He was appointed to the Public Works Department of Canada and from 1879 to 1886 was in charge of Western Ontario (Lake District), residing at Stratford. In 1886 he was called to Ottawa and appointed Assistant Chief Engineer of the Department of Public Works, and during 1886-87 exam-

(Continued on page 7.)



MAJOR H. A. GRAY,
President Engineers' Club of Toronto.

Gamble and Mr. C. M. Canniff for their kindness in contributing engineering views to the Club.

The election of the officers for the ensuing year was the next order of business. Mr. E. H. Keating stated that he believed it was in the interest of the Club that a president should serve for two years, and nominated Mr. Hertzberg for re-election. Mr. Hertzberg, however, declined the nomination, pleading inability to properly attend to the duties of the Club. The following officers were elected unanimously: President, Major H. A. Gray; first vice-president, C. H. Rust; second vice-president, C. M. Canniff; secretary,

JOSSON CEMENT ..Manufactured at. NIEL ON RUPELL

Is the Highest Grade Artificial Portland Cement and the Best for High Class Work. Has been used largely for Government and Municipal Works.

TO BE HAD FROM ALL CANADIAN DEALERS

C. I. de Sola, Manager in Canada .. 180 St. James Street, MONTREAL

The Canadian Bridge Co., Limited

WALKERVILLE, ONT.

MANUFACTURERS OF

RAILWAY AND HIGHWAY BRIDGES

Locomotive Turn Tables,
Roofs, Steel Buildings and
Structural Ironwork of all descriptions.