

be increased in volume by the addition of articles other than those emanating from members of our own society.

I have thus briefly touched upon society matters rather than those of a specifically engineering character, as has been the custom heretofore by retiring presidents, feeling that at this time, when we are entering upon a new and more extended era, it would appear advisable that our members should be reminded of the objects of the society, and of the duties and obligations of its members to the public, and to each other in order that we may the more fully understand our position.

In concluding, I can only express a hope that our efforts will continue to meet with success, and that each member will personally feel that the society is of real value, and of benefit to our country.

On motion of P. A. Peterson, seconded by Thomas Monro, the thanks of the society were tendered to the president, who, in his suggestive and instructive address had taken an entirely new line of thought in presidential addresses.

John Kennedy, who had been moved to the chair, complimented the president on the practical features of his remarks. The address would prove not only helpful to members, but to the general public, who might wish to know the aims and purposes of this society.

The election of officers for the ensuing year resulted as follows:

President—H. T. Bovey.

Vice-Presidents—G. H. Duggan, Percival W. St. George and E. H. Keating.

Secretary—C. H. McLeod.

Treasurer—H. Irwin.

Librarian—E. A. Rhys-Roberts.

The Council (the returns for which could not be presented till after the meeting), was as follows: John Kennedy, C. H. Rust, Thos. Monro, G. A. Mountain, Duncan McPherson, T. H. Tracy, St. George Boswell, James Ross, E. Marceau, H. Wallis, Prof. J. Galbraith, R. Hering, J. M. McCarthy, W. McNab and C. E. W. Dodwell.

Prof. Bovey in thanking the society for electing him to the presidency, said he had not sought the position, but was, in fact, in England when he was nominated. He therefore felt the honor to be all the greater, and would do his best to show that it was merited.

On motion of Herbert Wallace, seconded by Stuart Howard, a hearty vote of thanks was tendered to Mr. Jennings for his services as president during the past year.

The meeting for business then adjourned till Feb. 6, when the returns of the scrutineers for members of the council, as given above, were received.

After the business of the day the members to the number of sixty or seventy left by special train, placed at their disposal by the Grand Trunk, for Boston. Owing to press of other matter an account of the visit is held over till next issue. One of the events of the trip was the annual dinner, a report of which follows:

#### THE ANNUAL DINNER.

The annual dinner of the society was held at the Hotel Brunswick, Boston, and proved an occasion to be remembered by all who attended.

The chair was occupied by the president-elect, Prof. H. T. Bovey, Dean of the Applied Science Faculty of McGill University, who had on his right C. Frank Allen, professor of railway engineering in the Massachusetts Institute of Technology and president of the Boston Society of Civil Engineers, and on his left, Desmond Fitzgerald of Brookline, late president of American Society of Civil Engineers, and engineer of the Sudbury Department of the Metropolitan Water Board.

Among the members and guests of the society present were: Leonard Metcalf, S. E. Tinkham, Henry Manley, H. Bissell, Prof. Geo. F. Swain, Howard A. Carson, Frederic P. Stearns, John E. Cheney, E. W. Howe, Prof. Gaetano Lanza, L. F. Rice, Chas. W. Sherman, Geo. A. Kimball, A. B. Corthell, W. W. Cummings and L. J. Hirt, of Boston; W. E. McClintock, of Chelsea, Mass.; Prof. Ira N. Hollis and Prof. D. I. Turner, of Cambridge, Mass.; T. Howard Barnes, of Medford, Mass.; Alex. H. French, of Brookline; Geo. B. Francis, of Providence, R.I.; Prof. C. H. McLeod, Duncan MacPherson, Stuart Howard, John Kennedy, Percival W. St.

George, J. A. U. Beaudry, Fred. Thomson, A. E. Smail, R. H. Balfour, H. Rutherford, T. H. White, F. L. Fellowes, Alex. Pringle, E. C. Amos, L. G. Papineau, Lewis Skaife, T. W. Lesage, J. S. Viudm, Wm. McNab, F. P. Shearwood, R. L. Hunter, Gordon Grant, F. E. Came, Joseph W. Heckman, Alex. J. Grant, Arthur Crumpton, R. S. Lea, Sidney Hosmer, of Montreal, C. H. Rust, H. W. D. Armstrong, E. B. Biggar, of Toronto; Charles Baillarge, Louis A. Vallee, Armitage Rhodes, F. N. Berlinguet, Henry O'Sullivan, of Quebec. C. Thomson, A. Campbell, Col. W. P. Anderson, Chas. A. Bigger, of Ottawa, C. E. W. Dodwell, of Halifax, N.S.; Prof. W. R. Butler, C. B. O. Symons, of Kingston; T. Harry Jones, C. A. Waterous, of Brantford; G. J. Desbarats, F. R. Wilford, Iroquois, Ont.; Herbert J. Bowman, Berlin, Ont.; Wm. Crawford, of Sault Ste. Marie, Ont.; Owen O'Sullivan, of Lorette, Que.; Chas. J. Crowley, of Chaudiere, Que., and J. H. Sullivan, of Valleyfield, Que.

Among the invited guests who were unable to be present were, Messrs. Charles M. Hays, general manager Grand Trunk Railway; F. H. McGuigan, E. H. Fitzhugh, G. B. Reeves, W. E. Davis and F. W. Morse, of the Grand Trunk Railway; T. A. McKinnon and Lucius M. Tuttle, of the Boston and Main system; W. A. Ritchie, of the Pullman Palace Car Co.; J. F. Wallace, president, and C. W. Hunt, secretary, of American Society of Civil Engineers; Wm. Jackson, city engineer of Boston, H. M. Whitney, president Dominion Coal Co.; J. E. Hardman, president, and B. T. A. Bell, secretary, of the Canadian Mining Institute, and Prof. S. H. Capper, president Quebec Association of Architects.

After full justice had been done to an excellent dinner the chairman proposed the "Queen," and in doing so expressed his regret that the last days of our beloved Queen should be distressed by the horrors of war, but there was one consolation for the sufferings of the South African war, and that was that it had manifested the solidarity of all parts of the British Empire, and it was bringing about the solution of more than one of the problems of that Empire. After the toast had been duly honored, Prof. Bovey proposed the "President of the United States." He said the imaginary line between Canada and the United States marked no division in the hearts of the people who, though they might criticize each other in a friendly way, realized there was a kinship in sentiment as well as in blood. He never came to Boston without feeling loth to go away, and without carrying in mind some happy reminiscences of his visit. He hoped the Boston society would return this visit, and so increase those good relations which should subsist between kindred societies. The "Star Spangled Banner" was then sung, followed by "He's a Jolly Good Fellow."

"The Engineering Profession" was briefly responded to by C. H. Rust, city engineer of Toronto, who after returning hearty thanks said he wished to give place to L. J. Hirt, of the N. E. Gas and Coke Co. Mr. Hirt said Boston was practically the pioneer American city in developing the electric railway, having in the course of that development changed the types of motors five times. Boston was also one of the most advanced cities in solving problems of water supply and sewage, and owing to the number of rivers the difficulty of these problems had been increased. In the case of their own gas works they had to tunnel under the river, the work being done by compressed air. The iron pipe was laid concentrically in a wooden tube, and one of the unforeseen difficulties after the tunnel was finished was the sweating of the iron pipe. In the main pipe under the river this sweating amounted to six or seven barrels of water per day. In concluding Mr. Hirt laid stress on the value of practical and technical education; and spoke in high praise of the value of Nova Scotia coal in the work carried on by the company he was connected with.

With this toast the chairman particularly associated the names of Desmond Fitzgerald, late president of the American Society of Civil Engineers; Prof. Hollis, of Harvard University, and Prof. Lanza, of the Massachusetts Institute of Technology. Mr. Fitzgerald in thanking the chairman for his kind words said he felt all engineers were brothers, no matter to what part of the continent they belonged. He loved Canada, because he had often fished her rivers, climbed her grand mountains and explored her forests; but he never loved her as he did now. The Canadian Society of Civil Engineers was an honor to the pro-