

PROCEEDINGS OF THE SOCIETY

Minutes of Meetings

Boston Society of Civil Engineers

November 18, 1970:— The regular monthly meeting of the Boston Society of Civil Engineers was held jointly with the Massachusetts Section of the American Society of Civil Engineers and the Boston Society of Civil Engineers Transportation Section, at the Red Coach Grill, 43 Stanhope St., Boston, Mass. The meeting followed a roast turkey luncheon at which 170 persons were served.

At 1:00 P.M., Mr. Donald T. Goldberg, President of the ASCE Mass. Section, called the meeting to order and made a few announcements. Mr. Goldberg then introduced Dr Russell Jones, District Director of the ASCE who reported to the gathering on several recent meetings of that Society.

President Ernest L. Spencer then took the chair and announced several upcoming meetings of the BSCE. President Spencer called upon the Secretary for any announcements. The Secretary announced that membership applications had been received from the following:—

Vasatrao R. Nivargikar, Framingham, Mass

Dr. Demetrios S. Papademetriou, Cyprus Greece

Romuladas M. Veitas, Quincy, Mass.

President Spencer then called upon Mr. A. Paul LaRosa, Chairman of the Transportation Section of the BSCE, to introduce the speaker of the afternoon. Mr. LaRosa introduced Dr Alan A. Altshuler, Professor of Political Science at MIT, Chairman of the Governor's Task Force on Transportation. Dr. Altshuler's talk was entitled "A Balanced Transportation for Metropolitan Boston". Dr. Altshuler described activities of his committee and its relationship with the state political structure. He pointed out that several reports had been prepared and published making recommendations concerning the overall transportation needs of the metropolitan area. Dr. Altshuler also called for a joint committee of the two civil engineering societies to advise and assist his group. Following his brief remarks, Dr.

Altshuler opened the remainder of the session to questions and answers.

Approximately 190 members and guests attended the meeting following the luncheon.

The meeting adjourned at 2:30 P.M.

Respectfully submitted,

Paul A. Dunkerley
Secretary

December 16, 1970:— The regular monthly meeting of the Boston Society of Civil Engineers was held with the Boston Post of the American Society of Military Engineers, and the Massachusetts Section of the American Society of Civil Engineers, in the Constitution Room, Navy Building, 495 Summer Street, Boston, Mass. The meeting followed a roast beef dinner at which ninety (90) members and guests of all three societies were present.

At 7:45 P.M., Mr. S. Peter Volpe, President of the Boston Post of the American Society of Military Engineers opened the business meeting. Mr. Volpe introduced the members and guests at the head table, and then turned the meeting over to Mr. Donald T. Goldberg, President of the Mass. Section of ASCE to conduct any business Mr. Goldberg had no business to conduct, so Mr. Volpe turned the meeting over to Prof. Ernest L. Spencer, President of the Boston Society of Civil Engineers to conduct any business.

President Spencer took the podium and stated that the Minutes of the November 18, 1970 meeting would be published in a forthcoming issue of the Journal and that the reading of those Minutes would be waived unless there was an objection. There was no objection.

President Spencer then called upon the Secretary for announcements. The Secretary announced that membership applications had been received from the following:—

Carl P. Gates, Danvers, Mass.

Alexander H. Langer, Jamaica Plain, Mass.

J. Nelson McLean, Chestnut Hill, Mass.

James L. Manning, Quincy, Mass.

James F. Stewart, Jr., Burlington, Mass.

The Secretary further announced that on December 15, 1970 the following had been elected to membership:—

Grade of Member — Vasantrao R. Nivargikar
Demetrios S. Papademetriou,
Romuladas S. Vietas

Since an important vote was to be taken, it was necessary to determine whether or not a quorum of BSCE members were present. President Spencer asked all those who were members of the BSCE present in the room to stand so that they might be counted. It was obvious from the number standing that there were more than the twenty-five (25) minimum required for a quorum. President Spencer then called upon the Secretary to make a motion. The Secretary moved, it was seconded, and it was VOTED "that the Board of Government be authorized to transfer an amount; not to exceed \$5 000 from the Principal of the Permanent Fund to the Current Fund for Current Expenditures".

President Spencer stated that this was the initial action and that final action on this matter would be taken at the January meeting of the Society. There being no other formal business of the BSCE President Spencer returned the chair to Mr. Volpe.

Mr. Volpe called upon the various members of his organization for announcements and the conduct of their business.

At the conclusion of the Boston Post business Mr. Volpe introduced the speaker of the evening Mr. Edward J. King, Executive Director Massachusetts Port Authority. Mr King gave a brief talk on the subject "Growth and Development of the Massachusetts Port Authority". In his talk, Mr. King explained why the Authority was established, and he outlined in brief detail, methods of financing the organization. He explained how bonds were floated, and that the funds to take care of these bonds was provided by the users of the facility. He outlined the general nature of the facility, Logan Airport and many parts of the Boston waterfront, along with other semi-public business ventures. Mr. King also discussed some future plans of the Port

Authority. At the conclusion of his talk, Mr. King answered a number of questions on the activities of the Port Authority and its future plans.

The meeting was adjourned at 8:35 P.M.

Respectfully submitted,

Paul A. Dunkerley
Secretary

GEOTECHNICAL SECTION

November 10, 1970:— A Joint Dinner Meeting was held together with the Computer Section (Gerald Woodland, Chairman) at Patten's Restaurant, 173 Milk Street, Boston. The arrangements were made by the Geotechnical Section.

Thirty-seven (including 3 guests) attended the dinner.

The meeting was opened by Prof. Charles C. Ladd, Geotechnical Section Chairman who in turn introduced Mr. Woodland, Chairman of the Computer Section. There being no official section business the evening program was introduced by Dr. Ladd.

The program topic was "Computer Applications in Soil Mechanics" presented by a series of three speakers as follows:—

1. Dr. C. C. Ladd, Professor Civil Engineering, M.I.T., "Engineering Applications". (Copies of a paper entitled "Practical Applications of ICES LEASE" by Ladd and Rixner were distributed.)
2. Dr. J. T. Christian, Assoc. Professor of Civil Engineering, M.I.T., "Recent Advances".
3. G. L. Woodland, Assistant Manager, Systems Analysis & Programming Division, Stone & Webster Engineering Corp., "Computer Services".

A general discussion period followed the program and Prof. Ladd closed the meeting with an invitation to anyone interested in serving on the Section Executive Committee to contact the Clerk.

Respectfully submitted,

Edmund G. Johnson
Clerk

COMPUTER SECTION

January 20, 1971:— The annual meeting of the Computer Section was held on January 20, 1971 at the Playboy Club of Boston. The event was sponsored jointly with the Computer Section of the Mass. Section, ASCE. A total of 67 persons attended the dinner and technical program.

The business meeting was called to order at 7:35 P.M. by Section Chairman Gerald Woodland. He announced that the next meeting would be held on April 7 and would be sponsored jointly with the Computer Sections, ASCE and ASME. He also announced that Professors Frank Perkins and Saul Namyet were leaving the executive committee and expressed appreciation for their services.

The meeting was then opened for election of new section officers. Mr. Carl Gates presented the following for the nominating committee:—

Chairman	— Alan Rimer
Vice Chairman	— David Hellstrom
Clerk	— Robert Logcher
Member	— John Christian
Member	— Charles Shaker
Member	— Gerald Woodland

Mr. Woodland then read the annual report of the section. Following this, there being no other business, Dr. G. Neil Harper, President of CLM Systems, Inc., was introduced as guest speaker. His subject was "Civil Systems Engineering in the 70's". He described several computer programs which his firm had developed and used, including those for vehicle licensing, airport noise studies, hydraulic systems, building size and shape optimization, elevator optimization, real estate analysis and risk analysis. A question period followed.

The meeting was adjourned at 8:55 P.M.

Respectfully submitted,

David I. Hellstrom
Clerk

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