

## PROCEEDINGS

### BOSTON SOCIETY OF CIVIL ENGINEERS SECTION AMERICAN SOCIETY OF CIVIL ENGINEERS

#### Meetings Held — Technical Groups

##### *Computer Group*

October 5, 1977. Speaker, Dr. James Jackson, on the impact of microprocessors on consulting engineering. Attendance 15. This was also an official meeting of the BSCE Section.

November 30, 1977. Speaker, Mr. Francis Ferreira, Stone & Webster Engineering Corporation, on "ESP-1, An Energy Simulation Program" (for building design). Attendance 25.

Both meetings were held at the MIT Faculty Club.

##### *Construction Group*

October 12, 1977. Mr. Robert W. Adler of the Fidelity and Deposit Company of Maryland spoke on obtaining construction bonding and on making claims. Officers for 1977-1978 were elected, as follows: John P. Sullivan, Chairman; Stephen G. Walker, Vice Chairman; John R. Roma, Clerk. Attendance, 17.

December 14, 1977. Speaker, Dr. James D. Corbin, Equal Employment Opportunity Office, MBTA, on experiences in EEO work related to construction. Attendance, 25. This was also an official meeting of the BSCE Section.

Both meetings were held at the Red Coach Grill in Boston.

##### *Environmental Group*

October 25, 1977. Mr. Lester Sutton of the Environmental Protection Agency Region I spoke on interpretation of EPA Program Memorandum 77-8. Attendance 49.

February 1, 1978. Dr. Frederic C. Blanc of Northeastern University spoke on land application of sludge. Attendance 30.

Both meetings were held at Purcell's Restaurant, Boston.

##### *Geotechnical Group*

October 18, 1977. Mr. Edwin Paul Swatek, Jr., Consultant, Sewickley, Pennsylvania, gave a paper on Design and Construction of Cellular Structures. Attendance 45.

November 16, 1977. Dr. Charles C. Ladd of MIT discussed his state-of-the-art report on stress-deformations and strength characteristics which was presented at the 9th international conference on soil mechanics, Tokyo, 1977. Attendance 75. This was also an official meeting of the BSCE Section.

December 13, 1977. Panel on rock drilling for subsurface exploration, with: Dr. Gary S. Brierley of Haley & Aldrich, Inc.; Dr. Ronald C. Hirschfeld of Geotechnical Engineers, Inc.; Mr. Eric Butler of Guild Drilling Company; and Mr. Budd Berger of Christensen Diamond Products. Attendance 60.

January 18, 1978. Dr. Wallace H. Baker, Jr., of Hayward Baker Company, Odenton, Maryland spoke on grouting technology, present and future. Attendance 51.

The four meetings were held at Mugar Hall, Tufts University.

### *Hydraulics Group*

November 9, 1977, at the Ralph M. Parsons Laboratory, MIT. Mr. Warner W. Wayne, Jr. of Stone & Webster Engineering Corporation spoke on tidal power prospects for New England. Attendance 50.

January 25, 1978 at the office of CE Maguire, Inc., Waltham. Seminar on engineering and legal aspects of drainage works, with: Mr. William S. Parker of Bryant Associates, Inc., Boston; Mr. Thomas Feeney of Westwood, Mass., Conservation Commission; and Mr. Emerson Chandler, Attorney for Massachusetts Water Resources Commission. Attendance 42. This was an official meeting of the BSCE Section.

### *Structural Group*

Lecture series on structural welding for engineers; four evenings at Green Building, MIT, October 25, November 1, November 8, and November 15, 1977. Lecturers: Messrs. Carl W. Ott, James F. Clauson, Omer W. Blodgett, William H. Levelins, and Dexter A. Olsson. Approximately 300 persons attended.

November 8, 1977. Luncheon meeting at Stratton Center, MIT. Mr. Omer W. Blodgett gave a status report on structural welding today. Attendance 57.

December 7, 1977. The AISC T. R. Higgins lecture of 1977, presented by Dr. John W. Fischer of Fritz Engineering Laboratory, Lehigh University. Subject "Fatigue Strength of Steel Beams with Welded Stiffeners and Attachments". Held at MIT Center for Advanced Studies. Attendance 75.

### *Transportation Group*

December 1, 1977. Joint meeting at Pier 4 Restaurant with the Boston Transportation Group and with co-sponsorship of AIA, AIP, League of Women Voters and Massachusetts Association of Planning Directors. Seminar 9:00 AM to 2:00 PM on the topic "Emerging Transportation Policies". Moderator was Frederick P. Salvucci, Massachusetts Secretary of Transportation; speakers from Mass. DPW, Mass. Port Authority, Mass. Bay Transportation Authority, Central Transportation Planning Staff, and Urban Mass Transportation Administration. Attendance 260.

January 11, 1978. Mr. Robert F. Walsh, Director, Boston Redevelopment Authority, spoke on "The New Boston" and described the planning and development work of BRA. An election of officers for 1978 was held with results as follows: Chairman, Robert J. McDonagh; Vice Chairman, A. Russell Barnes; Clerk, Rocco A. Mancini; Members Executive Committee, Edmund J. Condon, Robert A. Snober, Anthony DiSarcina, Thomas F. Humphrey, and Marvin W. Miller. Held at Nick's Restaurant, Boston. Attendance 66.

## **Other Meetings**

### *Joint Meeting with MSPE*

November 15, 1977. Joint meeting of BSCE Section with Metropolitan Chapter MSPE at Pier 4 restaurant, Boston. Mr. Roy Wallis of J. F. White Contracting Company spoke on the construction of the Charles River Dam, Boston.

### *BSCE Section, Western Branch*

January 10, 1978. Mr. Russell K. McFarland of the Urban Mass Transportation Administration, U. S. Department of Transportation, spoke on "Issues in Construction of Urban Transportation Facilities". Held at Hotel Northampton.