

# PROCEEDINGS

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

### Report of the Board of Government 1977-78

*To the Boston Society of Civil Engineers Section,  
American Society of Civil Engineers*

Pursuant to the requirements of the Bylaws, the Board of Government presents its report of the year ending April 19, 1978.

The following is a statement of membership in the Section:

Honorary	5
Assigned ASCE members (2/28/78)	2065
Subscribers:	
Members	1005
Associate Members	553
Student Chapters	9

#### *Summary of Additions*

New Members	19
New Associate Members	45

#### *Summary of Loss of Members*

Deaths	7
Resignations	18
Dropped	102

#### *Life Memberships*

Life Members	184
Members becoming eligible April 19, 1978	13

#### *Honorary Membership is as follows:*

John B. Babcock 3rd.	elected	January 2, 1969
Charles O. Baird, Jr.	elected	January 2, 1969
Arthur Cassagrande	elected	February 1, 1975
Ralph W. Horne	elected	February 1, 1965
John A. Volpe	elected	January 29, 1968

#### *The following members have been lost through death:*

Harold Blakeslee	September 1977
William J. Comeau	March 1978
John W. Dean	December 1977
Karl R. Kennison	April 1977
Arthur I. Ippen	1978
George R. Rich	June 1977
Magery S. Vittal	1977

*MEETINGS OF THE SECTION*

September 21, 1977	With Transportation Group - "Commuter Boats and Facilities", speaker Sen. Allan R. McKinnon. Held at Joseph's Aquarium-2. Attendance 66.
October 5, 1977	With Computer Group - "Microcomputing: What's It All About?", speaker Dr. James N. Jackson. Held at the MIT Faculty Club. Attendance 15.
November 16, 1977	With Geotechnical Group - "Stress Deformation and Strength Characteristics, State-of-the Art Report", speaker Dr. Charles C. Ladd. Held at Tufts University. Attendance 75.
December 14, 1977	With Construction Group - "Minority Participation in Construction", speaker Dr. James D. Corbin. Held at the Red Coach Grill. Attendance 25.
January 25, 1978	With Hydraulics Group - "Engineering and Legal Aspects of Drainage Facilities", speakers William S. Parker, Thomas Feeney, Emerson Chandler Esq. Held at CE Maguire, Inc. Attendance 42.
February 22, 1978	With Structural Group - "Wind Loading and Structural Design", speaker Prof. A.G. Davenport. Held at MIT. Attendance 53.
March 1, 1978	With Environmental Group - "State-of-the-Art: Environmental Engineering", speaker Martin Lang. Held at the MIT Faculty Club. Attendance 28.

The Technical Groups of the Section also held many other meetings and arranged special lecture series during the year. Annual reports of the various groups are presented at the Annual Meeting of the Section and are published in the Journal.

The Annual Meeting of the Section is scheduled this year to be held in two parts, on April 10, 1978, and April 17, 1978. Minutes of the meeting are published in the Journal.

*PERMANENT FUND\**

The Permanent Fund was established under the Bylaws, Article 10, and is the recipient of all money received as entrance fees. Under certain circumstances income from the Permanent Fund may be transferred to the Current Fund. However, no such transfer was made this year. The Treasurer's report gives details of the year's transactions. Book value as of September 30, 1977 was \$85,673.49.

*FUNDS ESTABLISHED BY GIFT OR BEQUEST  
TO THE BOSTON SOCIETY OF CIVIL ENGINEERS\**

**JOHN R. FREEMAN FUND.** In 1925 the late John R. Freeman, a Past President and Honorary Member of the Boston Society of Civil Engineers, made a gift to the Society of securities which were established as the "John R. Freeman Fund." The income from this Fund is to be particularly devoted to the encouragement of young engineers. Mr. Freeman suggested several uses, such as the payment of expenses for experiments and compilations to be reported before the Society; for underwriting meritorious books or publications pertaining to the

\*Details regarding the value and income of these funds are given in the Treasurer's Report.

hydraulic science or art; or a portion to be devoted to a yearly prize for the most useful paper relating to hydraulics contributed to the Society; or establishing a traveling scholarship every third year open to members of the Society for visiting engineering works, a report of which would be presented to the Society. Book value of the Fund as of September 30, 1977 was \$67,047.17.

**EDMUND K. TURNER FUND.** In 1916 the Society received a bequest of \$1,000 from Edmund K. Turner, a former member, the income which is to be used for Library purposes. Book value of the Fund as of September 30, 1977 was \$3,758.69.

**ALEXIS H. FRENCH FUND.** A bequest of \$1,000 was received in 1931 from the late Alexis H. French, a Past President of the Society. The income from the Fund is "to be devoted to the Library of the Society." Book value of the Fund as of September 30, 1977 was \$3,717.69.

**CLEMENS HERSCHEL FUND.** This Fund was established in 1931 by a bequest of \$1,000 from the late Clemens Herschel, a Past President and Honorary Member of the Society. The income from this Fund "is to be used for presentation of prizes for papers which have been particularly useful and commendable and worthy of grateful acknowledgement." Book value of the Fund as of September 30, 1977 was \$2,401.28.

**DESMOND FITZGERALD FUND.** The Desmond Fitzgerald Fund, established in 1910 by a bequest of \$2,000 from the late Desmond Fitzgerald, a Past President and Honorary Member of the Society, provided that the income from this Fund "shall be used for charitable and educational purposes." The Board voted on April 13, 1964 to use the income of this Fund to establish a Boston Society of Civil Engineers' Scholarship in Memory of Desmond Fitzgerald, and that it be given to a student in Civil Engineering at Northeastern University. Book value of the Fund as of September 30, 1977 was \$6,225.76.

Subsequent to September 30, 1977, it was voted to accept the recommendation of the Committee at Northeastern University, that the current scholarship award of \$200 be given to Glenn Dugas. Presentation was made at the 1978 Student Chapter Night meeting of the Society held at Northeastern University on March 16, 1978.

**EDWARD W. HOWE FUND.** This Fund, a bequest of \$1,000, was received in 1933 from the late Edward W. Howe, a Past President of the Society. No restrictions were placed on the use of this bequest, but the recommendation of the Board of Government was "that the fund be kept intact, and that the income be used for the benefit of the Society and its members." Book value of the Fund as of September 30, 1977 was \$4,107.86.

**WILLIAM P. MORSE.** This Fund, a bequest of \$2,000, was received in 1949 from the late William P. Morse, a former member of the Society. No restrictions were placed on the use of this bequest but the recommendation of the Board of Government was "that the Fund be kept intact, and that the income be used for the benefit of the Society and its members." Upon recommendation of the Committee appointed by the President, the Board voted on April 5, 1954 "to appropriate from the income of this Fund a scholarship to be known as the Boston Society of Civil Engineers Scholarship in Memory of William P. Morse, and that it be given to a Civil Engineering student at Tufts University." Book value of the Fund as of September 30, 1977 was \$5,756.07.

Subsequent to September 30, 1977, it was voted to accept the recommendation of the Committee at Tufts University, that the scholarship award of \$200 be given to Chesley Chen. Presentation was made at the 1978 Student Chapter Night meeting of the Society held at Northeastern University on March 16, 1978.

**FRANK B. WALKER.** This Fund, a bequest of \$1,000, was received in 1961 from Mary H. Walker, wife of Frank B. Walker, a Past President of the Society. No restrictions were placed on the use of this bequest, but the recommendation of the Board of Government was "that the Fund be kept intact and the income be used for the benefit of the Society and its members." Book value of the Fund as of September 30, 1977 was \$1,854.38.

**RALPH W. HORNE FUND.** This Fund, a bequest of \$3,000, was received June 29, 1964, from the Directors of Fay, Spofford and Thorndike, Inc., the income from which shall be devoted to a prize or certificate to be awarded annually to a member designated by the Board of Government to have been outstanding in unpaid public service in municipal, state or federal elective or appointed posts; or in philanthropic activity in the public interest. Members of BSCES only are eligible for the award. Book value of the Fund as of September 30, 1977 was \$5,501.71.

**THOMAS R. CAMP FUND.** This Fund, a bequest of \$10,000, was received January 15, 1971, from the Directors of Camp, Dresser & McKee, Inc., to establish the "Thomas R. Camp Fund", the income to be used to support an annual Thomas R. Camp lecture or lectures on outstanding recent developments or proposed or completed research in the sanitary engineering field. The income from the Fund, over and above that needed to support the annual lecture, should be added to the Fund, but could be used otherwise at the discretion of the Board of Government of the Boston Society of Civil Engineers Section of the American Society of Civil Engineers. Book value of the Fund as of September 30, 1977 was \$13,565.59.

**LECTURE FUND.** The Lecture Fund was established in 1969 for the purpose of providing money for special lectures sponsored by the Society. Book value of the Fund as of September 30, 1977 was \$6,169.69.

**KARL R. KENNISON FUND.** This Fund is comprised of an irrevocable trust established on behalf of the Society by Karl R. Kennison. The trust consists of shares of the Massachusetts Fund, the Massachusetts Company, Inc., trustee. On March 31, 1978 this trust included the following:

Trust #4315	Market Value - \$8,801.88
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Since Mr. Kennison's death net income is to be paid, under the terms of the gift, to the Society to support a Hydraulics Lecture Fund and various public lectures on this subject; or, the Board may withdraw the principal on written demand or make changes in the use of the fund as it may determine are warranted. The Investment Committee has recommended to the Board of Government that the funds be consolidated with the principal funds in one location.

#### *PRIZES*

A number of prizes and awards are recommended for presentation at the Annual Meeting. For the list of awards and recipients, refer to minutes of the Annual Meeting.

#### *COMMITTEES*

The usual special committees dealing with the activities and conduct of the Society were appointed. The reports of the committees are presented at that portion of the Annual Meeting held April 10, 1978, and are printed in the Journal.

The Board wishes to express its appreciation of the excellent work done by the officers of the group and by the Committees of the Section.

*For the Board of Government*

Charles C. Ladd  
President

Leo F. Peters  
Secretary

## Minutes of the Annual Meeting of the Section

### PART I

April 10, 1978. Part I of the 130th Annual Meeting of the Boston Society of Civil Engineers (the fourth meeting of the Boston Society of Civil Engineers Section following the merger of the BSCE with the Massachusetts Section of the ASCE) was held at the offices of Camp, Dresser & McKee in Boston. The meeting was called to order at 3:00 p.m. by President Charles C. Ladd.

After waiving the reading of the minutes of the previous Annual Meeting, which were published in the April 1977 Journal, President Ladd introduced William E. Blessey, ASCE President-Elect. Mr. Blessey congratulated the Section on the quality of its programs and outlined his concept of the role of the civil engineer in his profession and in politics, education, and public service. He also highlighted areas of involvement in which he expects ASCE to be active during his term of office, citing improvement of the civil engineers' image as one important issue.

Secretary Leo F. Peters summarized the Annual Report of the Board of Government.

Treasurer Saul Namyet presented the Annual Report of the Treasurer.

Secretary Peters called for reports from the following Committees and Technical Groups: Action Program-Professional Practice, Advertising, Annual Meeting, ASCE-AGC Liaison, Auditing, Awards, Constitution and Bylaws, Thomas R. Camp Fund, Clambake, Continuing Education, Dinner Dance, Disadvantaged Youth, John R. Freeman Fund, History and Heritage, Ralph W. Horne Award, Investment, Key Man, Membership, Nominating, Operations Manual, Program, Publications, Student Chapter, Task Force for 1979 ASCE Convention; also Technical Groups: Computer, Construction, Environmental, Geotechnical, Hydraulics, Structural, Transportation.

Secretary Peters read the reports of those Committee Chairmen unable to be present.

Secretary Peters moved that all Committee and Technical Group reports be accepted and placed on file. It was seconded and so VOTED.

President Ladd concluded the meeting's program by presenting his retiring address, which is to be printed in the Journal.

### PART II

April 17, 1978. Part II of the 1978 BSCES Annual Meeting was held at Anthony's Pier 4 Restaurant in Boston. President Ladd reconvened the meeting at 7:45 p.m. Following the introduction of the head table guests, Pres. Ladd called upon Secretary Peters to assist in the awarding of prizes and certificates of Life Membership, which were in turn presented by the President.

The Ralph W. Horne Award for outstanding community service was presented to Nathaniel N. Wentworth, Jr.

Other awards were presented as follows (these were the only awards for technical papers voted this year by the Board of Government):

Geotechnical Group Award

Recipient: Gary S. Brierley

Paper: "Construction of the Hoosac Tunnel 1855-1876"

Hydraulics Group Award

Recipient: Gary A. Tasker

Paper: "A Regional Reservoir Storage Analysis for Eastern Massachusetts and Rhode Island"

The Secretary read the names and brief biographies of those who attained ASCE Life Membership this year and President Ladd presented certificates to those present. Recipients were as follows: Richard W. Albrecht, Harry R. Feldman, Lincoln W. Ryder and George L. Wey. He also read the names and biographies of those who had attained BSCES Life Membership and President Ladd presented certificates to those present. They were as follows: Walter C. Anderson, Marcello J. Guarino, Henry N. Halberg, Daniel W. Miles, Darel O. Packard, Herman G. Protze, William A. Redfield, Lincoln W. Ryder, Herman J. Shea and Ruth Terzaghi.

The Secretary also read the names of those members who had died during 1977-78: Harold Blakeslee, William J. Comeau, John W. Dean, Jackson Ho, Karl R. Kennison, Arthur I. Ippen and George R. Rich. A moment of silence was observed.

President Ladd introduced Student Chapter Presidents and their guest.

Results of the election of Section officers for 1978-79 were reported by Teller Richard J. Scranton, as follows: Howard Simpson, President; Frank E. Perkins, Vice President (two years); Leo F. Peters, Secretary; Saul Namyet, Treasurer; Robert L. Meserve and Stanley C. Rossier, Directors; Sandra L. Johnson, Paul J. Trudeau and John P. Sullivan, Nominating Committee members. William S. Zoino, elected as Vice President in 1977 for a two-year term, continues in that office during 1978-1979. Likewise, Edward B. Kinner and Richard J. Scranton continue as Directors.

President Ladd introduced the officers of the BSCE Section for the coming year and presented the gavel to the incoming president, Howard Simpson. President Simpson then presented a plaque to retiring President Ladd commemorating his year as president, and briefly outlined his goals for his term in office.

President Simpson then turned the meeting over to the Program Chairman, William S. Zoino, who introduced Steve Nevas, broadcast journalist. Mr. Nevas' topic was "New Trends in Broadcast Journalism."

One hundred twenty-two members and guest attended the dinner and evening meeting.