

## ANNUAL REPORTS

REPORT OF THE BOARD OF GOVERNMENT  
FOR YEAR 1967 - 1968

Boston, Mass., March 19, 1968

*To the Boston Society of Civil Engineers:*

Pursuant to the requirements of the By-Laws, the Board of Government presents its report for the year ending March 19, 1968.

The following is a statement of the status of membership in the Society:—

Honorary	12
Members	989
Associates	4
Juniors	44
Students	3
Total	<u>1052</u>
Applications pending on March 19, 1968	4
Student Chapters	2

*Summary of Additions*

New Members	33
New Juniors	5
New Students	—

*Reinstatements*

Members	1
---------	---

*Summary of Transfer*

Juniors to Members	7
Students to Juniors	4

*Summary of Loss of Members*

Deaths	10
Resignations	42
Dropped for Non-Payment of dues	43
Dropped for failure to transfer	2

*Life Memberships*

Life Members	
Members eligible this year for Life Membership	132 15

*Honorary Membership is as follows:*

Harry P. Burden, elected, February 1, 1965  
 Thomas R. Camp, elected, February 3, 1964  
 Arthur Casagrande, elected, February 1, 1965  
 E. Sherman Chase, elected, February 3, 1964  
 Gordon M. Fair, elected, February 3, 1964

Frank M. Gunby, elected, February 15, 1950  
 Ralph W. Horne, elected, February 1, 1965  
 Kark R. Kennison, elected, February 7, 1951  
 Frank A. Marston, elected, February 15, 1960  
 Howard M. Turner, elected, February 18, 1952  
 John A. Volpe, elected, January 29, 1968  
 Frederic N. Weaver, elected, February 1, 1965

*The following members have been lost through death:*

Robert M. Becker, March 23, 1967  
 Clarence R. Bliss, March 30, 1967  
 Vincent de Paul Burns, Sept. 16, 1967  
 John C. Damon, March 8, 1967  
 Charles E. Davis, June 24, 1967  
 Arthur H. Gordon, January 10, 1968  
 Stuart Huckins, March 11, 1967  
 James H. Manning, June 17, 1967  
 Lewis E. Moore, Oct. 27, 1967  
 Reeves J. Newsom, April 30, 1967

*MEETINGS OF THE SOCIETY*

March 14, 1967	Address of retiring President, John M. Biggs. "Can Engineering be Automated?"
April 20, 1967	Prof. Myle J. Holley, Jr., Prof. Allin Cornell of M.I.T., and Mr. John B. Creedon, Liberty Mutual Insurance Company. "Some Aspects of Structural Safety".
October 25, 1967	Joint Meeting with the Massachusetts Section, American Society of Civil Engineers (Student Night). Dr. T. William Lambe, M.I.T. "Lunar Soil Mechanics".
December 6, 1967	Joint Meeting with the Sanitary Section BSCE. Mr. Robert G. Davidson, Executive Director of M.A.P.C. "A Solid Waste Disposal Program for Metropolitan Boston".
January 24, 1968	Joint Meeting with BSCE Hydraulics Section. "A John R. Freeman Lecture". Mr. John Parmakian, Consulting Engineer. "Unusual Aspects of Hydraulic Transients in Pumping Plants".
February 14, 1968	Joint Meeting with the Massachusetts Section, American Society of Civil Engineers. Samuel A. Wigon, Chief of B.E.S.T. New York Department of Transportation. "The Concept and Status of the Bridge Engineering Sybsystem for T.I.E."

*ATTENDANCE AT MEETINGS*

<i>Date</i>	<i>Place</i>	<i>Meeting</i>	<i>Dinner</i>
March 14, 1967	M.I.T Faculty Club	34	176
April 20, 1967	United Community Services Building	27	
October 25, 1967	University of Massachusetts, Amherst, Mass.	250	250
December 6, 1967	Patten's Restaurant	44	44
January 24, 1968	United Community Services Building	94	82
February 14, 1968	Red Coach Grill	60	60

Twenty-one meetings were held by the Sections of the Society during the year. These meetings of the Sections offering opportunity for more detailed discussions continue to demonstrate their value to the members and to the Society. A wide variety of subjects were presented. The Annual Report of the various Sections will be presented at the Annual Meeting and will be published in the Journal of the Society.

#### FUNDS OF THE SOCIETY\*

*Permanent Fund.* The Permanent Fund of the Society has a present value of \$79,167.43. The Board of Government authorized the use of as much as necessary of the current income of this fund in payment of current expenses. By Vote of the Society (as prescribed by the By-Laws) at the December 6, 1967 and January 24, 1968 meetings, the Board of Government was authorized to transfer an amount not to exceed \$4000 from the Principal of the Permanent Fund for current expenditures. The amount necessary to transfer from the Principal of the Permanent Fund for current expenditures was \$82.64.

*John R. Freeman Fund.* In 1925, the late John R. Freeman, a Past President and Honorary Member of the Society, made a gift to the Society of Securities which was 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 hydraulic science or art; or a portion 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. This year a "John R. Freeman Memorial Lecture" was given by John Parmakian, Consulting Engineer, on "Unusual Aspects of Hydraulic Transients in Pumping Plants". The expenditure from this fund during the year was \$699.68.

*Edmund K. Turner Fund.* In 1916 the Society received a bequest of \$1,000 from the late Edmund K. Turner, a former member of the Society, the income of which "Is to be used for Library Purposes". The Board voted to use \$100 of the income of this fund for the purchase of books for the Library. The expenditure from this fund during the year was \$00.

*Alexis H. French Fund.* The 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 of this fund is "to be devoted to the Library of the Society". The Board voted to use \$100 of the income of this fund for the purchase of books for the Library. The expenditure from this Fund during the year was \$00.

*Tinkham Memorial Fund.* The "Samuel E. Tinkham Fund" established in 1921 at Massachusetts Institute of Technology, by the Society, "to assist some worthy student of high standing to continue his studies in Civil Engineering, had a value of \$3,507.24 on June 30, 1967. Thomas G. Unger, a student in Civil Engineering, Class of 1970, was awarded this Scholarship of \$450 for the year 1967-68.

*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 acknowledgment. The expenditure from this fund during the year was \$124.30.

*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 vote on April 20, 1966, to appropri-

ate from the income of this Fund the sum of \$100 to be known as the "Boston Society of Civil Engineers Scholarship in Memory of Desmond FitzGerald", and be given to a student in Civil Engineering at Northeastern University. A donation of \$400 was received in 1966 from four recipients of this Scholarship and has been added to this fund. It was voted on February 21, 1967, "to adopt the recommendation of the Committee at Northeastern University, namely, that this scholarship be presented jointly to Alexander Hekimian and Bruce O. Tobiasson, in the amount of \$100 each. Presentation was made at the Annual Meeting of the Society on March 14, 1967.

*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 recommendations of the Board of Government were "that the fund be kept intact, and that the income be used for the benefit of the Society or its members". The Board voted on April 21, 1967 "that no appropriation be made from this fund this year".

*William P. Morse Fund.* 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 recommendations of the Board of Government were "that this fund be kept intact and that the income be used for the benefit of the Society or 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 the sum of \$100, to be known as the Boston Society of Civil Engineers' Scholarship in memory of William P. Morse", and be given to a Civil Engineering Student at Tufts University. It was voted on January 25, 1967 "to adopt the recommendation of the Committee at Tufts University, namely, a \$100 Scholarship be given to Robert Hiney. Presentation was made at the Annual Meeting of the Society on March 19, 1967.

*Frank B. Walker Fund.* 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 recommendations of the Board of Government were "that this fund be kept intact and that the income be used for the benefit of the Society or its members". The Board voted April 21, 1967 "that no appropriation be made from this fund this year".

*Ralph W. Horne Fund.* This fund, a bequest of \$3,000 was received June 29, 1964, from the Directors of Fay, Spofford & 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 as having been outstanding in unpaid public service in municipal, state, or federal elective or appointive posts; or in philanthropic activity in the public interest. Members of the BSCE only eligible for the Award. The Board voted unanimously on January 24, 1968 "to approve the recommendation of the Ralph W. Horne Fund Award Committee, namely, "that Carl S. Ell be the fourth recipient to receive the Ralph W. Horne Award", presentation to be made at the Annual Meeting of the Society on March 19, 1968. Expenditure during this year from this fund was \$126.30.

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

*PRIZE AWARDS*

<i>AWARD</i>	<i>RECIPIENT</i>	<i>PAPER</i>
Ralph W. Horne Fund Award	Dr. Carl S. Ell	
Desmond FitzGerald Award	Henry A. Mohr	"Pile and Casson Foundations"
Clemens Herschel Award	John M. Biggs	"Can Engineering be Automated?"
Structural Section Award	Paul S. Crandall	"Timber Design in Waterfront Construction".
Desmond FitzGerald Scholarship	Richard Bovee, Northeastern University	
William P. Morse Scholarship	John D. Hughes, Tufts University	

*LIBRARY*

The Report of the Library Committee contains a complete account of the Library Committee's activities during the past year.

*COMMITTEES*

The usual special committees dealing with the activities and conduct of the Society were appointed. The membership of these committees is published in the Journal and the reports of the committees will be presented at the Annual Meeting March 19, 1968.

Your Board in conclusion, wishes to express its appreciation of the excellent work done by the officers of the Sections and by the committees of the Society.

Harry L. Kinsel, President

*REPORT OF THE SECRETARY*

Boston, Mass., March 19, 1968

The following is a statement of cash received by the Secretary and of the expenditures approved by the President in accordance with the Budget adopted by the Board of Government.

*FOR THE YEAR ENDING MARCH 19, 1968*

<i>OFFICE</i>	<i>EXPENDITURES</i>	<i>RECEIPTS</i>
Secretary's Salary & Expense	\$ 1,381.54	
Treasurer's Honorarium	898.35	
Stationary, Printing & Postage	1,019.81	
Incidentals & Petty Cash	143.17	
Insurance & Treasurer's Bond	392.00	
Quarters, Rent. Tel. & Lights	5,600.47	
Office Secretary	6,188.54	
Soil Mechanics		\$ 2,181.08
Social Security	417.39	

*MEETINGS*

Rent of Halls	40.00	
Hospitality Committee	1,091.22	974.37
Reporting & Projection	5.00	
Annual Meeting (March 1967)	1,065.77	840.00

*SECTIONS*

Sanitary Section	16.50
Structural Section	46.00
Transportation Section	15.00
Hydraulics Section	10.00
Construction Section	—

*JOURNAL*

Editor's Salary & Expense	875.60	
Editor's Secretary	271.02	
Printing & Postage	6,403.92	
Advertisements	—	2,128.59
Sale of Journals		3,021.78
Reprints	63.64	360.00
Copyright	24.00	
Newsletter	326.40	

*LIBRARY*

Periodicals	93.65
Binding	60.44

*MISCELLANEOUS*

Binding Journals for Members	17.00	17.00
Badges	—	5.00
Bank Charges	13.44	
Miscellaneous	1,067.04*	124.75
Engineering Societies Dues and Charge for Journal Space	1,239.75	
Public Relations Committee	33.81	
Sales Tax	4.34	3.73
Dues from B.S.C.E. Members		17,241.50
Trans. Income Perm Fund		1,927.01
	<u>\$28,824.81</u>	<u>\$28,824.81</u>

\* \$583.33 Transferred back to Howe Fund

33 New Members; 5 New Junior Members; 7 Junior Members transferred to Members; 4 Student Members transferred to Junior Members.

The above receipts have been paid to the Treasurer who's receipt the Secretary holds. The Secretary holds cash amounting to \$30 included as payment under item 36 (Petty Cash) to be used as a fixed fund or cash on hand. \$335.74 withholding Tax, and \$164.88 Social Security, which is payable to Collector of Internal Revenue and State of Massachusetts in April 1968, is not included in the above tabulation.

Respectfully submitted,  
Charles O. Baird, Jr.  
Secretary

*REPORT OF THE TREASURER*

March 19, 1968

This report is for the fiscal year beginning March 1, 1967 and ending at the close of the business day on February 29, 1968.

The Boston Safe Deposit and Trust Company, 100 Franklin St. Boston, Mass. continues to serve as custodian for the securities and as financial advisor. In accordance with the terms of the contract, the Custodian Bank has furnished the Treasurer of the Boston Society of Civil Engineers with a certified audit of the Income and Principal accounts. This audited account from the bank, the receipts from the Secretary, the bills paid by the Treasurer, the savings bank passbook, and the checkbook have been reviewed by the Auditing Committee of the Society and the information contained in this report has been verified.

Twice each year the investment division of the Boston Safe Deposit and Trust Company reviews the portfolio of securities. After each review this year, the Custodian made recommendations to the Board of Government of the Boston Society of Civil Engineers. The Investment Committee of the Boston Society of Civil Engineers considered the recommendations made by the bank and presented its findings to the Board of Government. In each instance the Board of Government voted to authorize the Custodian to proceed with the changes.

*PRINCIPAL ACCOUNT*

The following changes were made in the securities held by the Society during the fiscal year:

Columbia Gas Systems Inc., Deb Series D  
 Sold \$2,000.00 par value  
 Consumers Power Co., 1st Mort.  
 Sold \$2,000.00 par value  
 Tidewater Oil Co., Deb.  
 Sold \$2,000.00 par value  
 U. S. A. Treasury Bonds  
 Sold \$10,000.00 par value  
 Montreal Quebec Improvement, Deb.  
 Bought \$10,000.00 par value  
 Orange and Rockland Utilities Inc.  
 Bought \$10,000.00 par value  
 Hartford Fire Insurance Co.  
 Received in stock split 107 shares  
 International Business Machine Corp.  
 Received in stock dividend 15/40 shares  
 Bought 25/40 shares  
 Received in consolidation 1 share  
 Monsanto Co.  
 Received in stock dividend 2-16/100 shares  
 Sold 16/100 shares  
 Scott Paper Co.  
 Sold 263 shares  
 Pacific Gas and Electric, Preferred  
 Sold 100 shares  
 Southern California Edison Co. Ltd., Preferred  
 Sold 120 shares  
 Southern Railways Co., Preferred  
 Sold 75 shares

Newmont Mining Corp.  
 Bought 70 shares  
 Warner Lambert Pharmaceutical Co.  
 Bought 100 shares

On March 1, 1967 the Principal Account was overdrawn in the amount of \$98.40. Receipts to that account were as follows:

Stocks sold	\$13,684.05
Rights sold	6.82
Bonds sold	<u>15,349.52</u>
Total Receipts	\$29,040.39

Expenditures from the account were as follows:

Stocks bought	\$9,211.65
Rights bought	311.56
Bonds bought	<u>20,025.00</u>
Total Expenditures	\$29,548.21

Balance as of the close of business on February 29, 1968 was \$606.22 cash overdrawn.

*INCOME ACCOUNTS* On March 1, 1967 the cash available in the Income Account was \$1,074.46. Receipts and expenditures to this account are summarized as follows:

<i>Receipts</i>	
Interest	\$2,894.86
Dividends	<u>5,731.42</u>
Total Receipts	\$8,626.28
<i>Expenditures</i>	
Service charges	\$ 843.63
Ac. Interest	<u>279.59</u>
Total Expenditures	\$1,123.22

Cash on hand in the Income Account at the close of business on February 29, 1968 was \$8,577.52.

#### *SAVINGS ACCOUNT*

During the fiscal year 1967-68 the sum of \$121.32 in interest was credited to the account which the Society holds in the First Federal Savings and Loan Association of Boston.

#### *FINANCIAL STANDING*

The financial standing of the Society is summarized in the seven tables which accompany this report. These tables represent conditions as they existed at the close of the business day on February 29, 1968. They are as follows:

Table I	Distribution of Funds
Table II	Distribution of Funds - Receipts and Expenditures
Table III	Record of Investments - Bonds
Table IV	Record of Investments - Stocks
Table V	Record of Investments - Savings Bank
Table VI	Comparison of Book and Market Values of Investments
Table VII	Comparison of Book and Market Values of Funds

The above tables do not show the Secretary's change fund of \$30.00 which should be added to show the total cash.



#### *CURRENT FUND*

Receipts to the Current Fund during the fiscal year from dues, sale of journals, advertisements in the Journal, the soil mechanics publications and other sources totalled \$26,897.80. Total expenditures from this fund were \$28,824.81. On March 1, 1967 and on March 1, 1968 the Current Fund was valued at \$1,500.00. The expenditures from the Current Fund exceeded the income by \$1,927.01. By vote of the Board of Government this deficiency was made up by transferring the above amount from the Income to the Permanent Fund. The increase in membership dues placed in effect this year has substantially eased the financial difficulties of the Society and it has improved the cash flow situation. The membership and other interested persons are referred to the Report of the Secretary published elsewhere in this issue of the Journal for a detailed breakdown of income to and expenditures from the Current Fund.

#### *PERMANENT FUND*

Income to the Permanent Fund from entrance fees was \$385.00. That portion of the interest and dividends which could be credited to the Permanent Fund was \$4,456.52; that portion of the service charges and accrued interest which was charged to the fund was \$573.53. The balance remaining after the charges was \$3,882.99. Of this amount the sum of \$1,927.01 was transferred to the Current Fund for current expenses. The remainder of the income to the Permanent Fund (\$1,955.80) was transferred to the Sanitary Lectures Fund. In addition \$82.64 was transferred from the Principal of the Permanent Fund to the Sanitary Lectures Fund to close that account. See Table II.

#### *EDWARD W. HOWE FUND*

In January 1967 the Board of Government voted to authorize the Treasurer to borrow a sum not to exceed \$1,000.00 from the Edward W. Howe Fund to be transferred to the Current Fund to meet current expenses. It was stipulated in the vote that the sums borrowed were to be replaced as soon as cash became available. It became necessary to transfer \$583.33 from the Edward W. Howe Fund to the Current Fund. On March 31, 1967 the Treasurer reacted to his mandate and returned the borrowed sum from the Current Fund to the Edward W. Howe Fund.

#### *SANITARY LECTURES FUND*

At some time prior to the first year of office of the present Treasurer, the Society voted to expend a sum of money from the Principal of the Permanent Fund to publish a series of Sanitary Lectures. When the publications were ready for the printer, the Treasurer examined the status of the funds and found that the Permanent Fund had been seriously depleted by a previous withdrawal from the Principal. He, therefore, employed funds from those available for investment for the publication expenses. The Sanitary Lectures Fund has been carried since 1961 as a negative quantity in the table of funds. The sale of these publications has declined recently and the Board of Government voted to authorize the Treasurer to eliminate this fund. At the beginning of the fiscal year the fund had a value of -\$2,068.62. Receipts from the sale of the publication came to \$30.00 leaving -\$2,038.62. The sum of \$1,955.98 was transferred from Income to the Permanent Fund, and \$82.64 was transferred from the Principal of the Permanent Fund.

#### *LECTURES*

During the Fall of 1967 a series of fourteen lectures on the use of computers in Civil Engineering was offered by the Society. The Board of Government voted to establish a working fund called the Lectures Fund to receive the nominal attendance fees from

members and nonmembers from which the expenses of the series would be dispersed. Total receipts from fees into this fund amounted to \$3,845.00. Initial expenses disbursed during the 1967-68 fiscal year were \$650.01. The remaining expenditures will be made during the next fiscal year.

*KARL B. KENNISON FUND*

On March 14, 1968 Mr. Charles Flaherty of the Massachusetts Company reported to the Treasurer on the status of the irrevocable trusts established in behalf of the Society by Mr. Karl R. Kennison. As of February 29, 1968, the two trusts involving shares in the Massachusetts Fund (formerly Mass. Hospital Life Insurance Co.) were as follows:

Trust # 4315	356.650 shares	\$4,364.70
Trust # 4444	<u>409.803 shares</u>	<u>5,003.69</u>
Total	766.453 shares	<u>\$9,368.39</u>

*OTHER FUNDS*

The membership and other interested persons are referred to the Report of the Board of Government published elsewhere in this issue of the Journal for information concerning the remaining funds, the reason for their existence, and the disbursements made from each.

*TAXES AND SOCIAL SECURITY*

Of the cash on hand in the following tables, \$500.63 is held in escrow for Federal and Massachusetts withholding taxes and for social security payments. In addition, \$0.77 in sales tax collections is being held for payment to the Massachusetts Bureau of Corporations and Taxation.

Paul A. Dunkerley  
Treasurer

TABLE I  
DISTRIBUTION OF FUNDS

	Book Value Mar. 1, 1967 1	Interest and Dividends Cash 2	Credit 3	Net Profit or Loss at sale or maturity 4(+)	5(-)	Transfer of Funds Purchased 6(+)	7(-)	Book Value Mar. 1, 1968 8
Bonds	\$ 75,197.22	\$2,894.86			\$1,815.76	\$20,025.00	\$17,165.28	\$ 78,056.94
Stocks	71,775.59	5,731.42		\$2,758.08		9,523.21	10,932.79	70,366.01
Savings Bank Available for Investment	2,524.37		\$121.32					2,645.69
TOTAL	1,850.72					8,056.12		9,906.84
TOTAL	\$151,347.90	\$8,626.28	\$121.32	\$2,758.08	\$1,815.76	\$37,604.33	\$28,098.07	\$160,975.48
Columns 1 + 3 + 6 - 7 =	8							

TABLE II  
DISTRIBUTION OF FUNDS - RECEIPTS AND EXPENDITURES

	Book Value Mar. 1, 1967	Allocation of Income Profit and Loss			Received	Expended	Book Value Mar. 1, 1968
		Income Col. 2 + 3	Net Profit Col. 4 + 5				
Permanent Fund	\$ 78,391.36	\$ 4,456.52	\$ 473.71	\$	\$ 385.00	\$ 4,539.16	\$ 79,167.43
John R. Freeman	51,162.42	2,904.22	308.37		1,073.42	1,073.42	53,301.59
Edmund K. Turner	2,007.19	113.94	12.10		14.66	14.66	2,118.57
Desmond FitzGerald	4,439.41	242.66	25.56		230.99	4,476.64	4,476.64
Alexis H. French	1,987.14	112.79	11.98		14.50	2,097.41	2,097.41
Clemens Herschel	1,565.35	83.29	8.69		134.89	1,522.44	1,522.44
Edward W. Howe	1,657.27	121.38	13.47		583.33	1,657.27	1,657.27
William P. Morse	4,217.19	234.71	24.82		130.09	2,359.12	2,359.12
Frank B. Walker	1,829.21	103.84	11.03		13.37	4,346.63	4,346.63
Ralph W. Horne	3,444.04	195.50	20.76		151.47	1,930.71	1,930.71
Transportation Lectures	468.61	26.58	2.83		3.42	3,508.83	3,508.83
Structural Lectures	1,847.33	104.86	11.14		13.48	494.60	494.60
Lectures	0.00	47.31	17.86		650.01	3,260.16	3,260.16
Boring Data	400.00				41.50	0.00	441.50
Sanitary Lectures	-2,068.62				2,068.62	0.00	0.00
Subtotal	\$151,347.90	\$ 8,747.60	\$ 942.32		\$ 6,923.45	\$ 6,985.79	\$160,975.48
Current	1,500.00	1,927.01			26,897.80	28,824.81	1,500.00
TOTALS	\$152,847.90	\$10,674.61	\$ 942.32		\$33,821.25	\$35,810.60	\$162,475.48
Secretary's change fund of \$30.00 should be added to show total cash							
Cash Balance					\$9,906.84		
Investment Fund					1,500.00		
Current Fund					\$11,406.84		
Total Cash							
Transferred from income to Permanent Fund to Current Fund							
Transferred from income to Permanent Fund to Sanitary Lectures							
Transferred from principal of Permanent Fund to Sanitary Lectures							
Total from Permanent Fund							
					\$1,927.01		
					1,955.98		
					82.64		
					\$3,965.63		

TABLE III  
 RECORD OF INVESTMENTS - BONDS  
 March 1, 1967 to March 1, 1968

Bonds	Date of Maturity	Interest Rate	Interest Received	Par Value	Book Value		Market Value	
					Mar. 1, 1968	\$ 5,037.50	Mar. 1, 1968	\$ 3,850.00
Aluminum Company of America, Deb.	Apr. 1, 1983	3-7/8	\$ 193.75	\$ 5,000.00	\$ 5,037.50	\$ 3,850.00		
Associates Investment Co., Deb.	Aug. 1, 1979	5-1/8	\$ 307.50	6,000.00	6,000.00	5,220.00		
Columbia Gas Systems Inc., Deb., Series D	Jul. 1, 1979	3-1/2	23.33	2,000.00	0.00	0.00		
Consumers Power Co., 1st Mort.	Sep. 1, 1975	2-7/8	14.38	3,000.00	0.00	0.00		
Flinkote Co., Deb.	Apr. 1, 1981	4-5/8	462.50	10,000.00	10,450.00	8,350.00		
Florida Power Co., 1st Mort.	Jul. 1, 1984	3-1/8	31.25	1,000.00	1,017.50	691.25		
Florida Power Co., 1st Mort.	Jul. 1, 1986	3-7/8	193.75	5,000.00	5,037.59	3,762.50		
General Motors Acceptance Corp., Deb.	Sep. 1, 1975	3-5/8	90.60	5,000.00	5,101.80	4,143.75		
Georgia Power Co., 1st Mort.	Dec. 1, 1977	3-3/8	168.75	5,000.00	5,162.50	3,925.00		
Marine Midland Corp., Deb.	Jul. 15, 1989	4-1/2	225.00	5,000.00	5,000.00	3,850.00		
Montreal Quebec Improvement, Deb.	Jan. 15, 1987	6-	600.00	10,000.00	10,075.00	8,875.00		
Orange and Rockland Utilities Inc., 1st Province of Ontario, Deb.	Oct. 1, 1997	6-1/2	0.00	10,000.00	9,950.00	10,137.50		
Public Service Electric And Gas Co., 1st So. Pacific, 1st Series A	Sep. 1, 1972	3-1/4	48.75	3,000.00	2,936.25	2,610.00		
Oregon Lines Superior Oil Co., Deb.	Jun. 1, 1979	2-7/8	115.00	4,000.00	4,097.50	2,850.00		
Tidewater Oil Co., Deb.	Mar. 1, 1977	4-1/2	90.00	4,000.00	4,191.30	3,405.00		
U.S.A. Treasury Bonds	Jul. 1, 1981	3-3/4	150.00	4,000.00	4,000.00	3,120.00		
U.S.A. Treasury Bonds	Apr. 1, 1986	3-1/2	40.83	2,000.00	0.00	0.00		
U.S.A. Treasury Bonds	Aug. 15, 1973	4-	41.44	5,000.00	0.00	0.00		
U.S.A. Treasury Bonds	May 15, 1974	4-1/4	98.03	5,000.00	0.00	0.00		
<b>TOTALS</b>			<u>\$2,894.86</u>		<u>\$78,056.94</u>	<u>\$64,790.00</u>		

TABLE IV  
 RECORD OF INVESTMENTS - STOCKS  
 March 1, 1967 to March 1, 1968

Stocks	Classifi- cation	Number of Shares	Dividend Received	Market Value	
				Book Value Mar. 1, 1968	Mar. 1, 1968
American Telephone & Telegraph Co.	Common	250	\$ 562.50	\$ 4,505.87	\$ 12,531.25
Commercial Credit Co.	Common	240	432.00	9,963.21	7,740.00
General Electric Co.	Common	150	390.00	2,341.47	13,031.25
General Motors Corp.	Common	126	478.80	5,576.32	9,513.00
Hartford Fire Insurance Co.	Common	214	196.88	1,534.39	4,868.50
Illinois Power Co.	Common	200	326.00	9,686.00	7,325.00
International Business Machine Corp.	Common	16	68.20	5,331.68	9,280.00
Jewel Companies Inc.	Common	187	233.76	4,976.81	6,919.00
Monsanto Co.	Common	110	172.80	7,289.51	4,895.00
National Dairy Products Corp.	Common	200	290.00	1,154.74	7,100.00
New England Electric System	Common	208	289.12	3,332.89	5,668.00
Newmont Mining Corp.	Common	70	38.50	4,167.65	4,235.00
Scott Paper Co.	Common	263	263.00	0.00	0.00
Southern California Edison	Common	177	241.16	1,932.99	6,327.75
Standard Oil of New Jersey	Common	200	690.00	2,012.76	13,550.00
Texaco Inc.	Common	236	637.20	1,515.72	18,054.00
Warner Lambert Pharmaceutical Co.	Common	100	75.00	5,044.00	4,050.00
Pacific Gas and Electric	Preferred	100	112.50	0.00	0.00
Southern California Edison Co., Ltd.	Preferred	120	159.00	0.00	0.00
Southern Railways Co.	Preferred	75	75.00	0.00	0.00
<b>TOTALS</b>			<u>\$5,731.42</u>	<u>\$70,366.01</u>	<u>\$135,087.75</u>

TABLE V  
 RECORD OF INVESTMENTS - SAVINGS BANK  
 March 1, 1967 to March 1, 1968

Bank	Savings Account Number	Interest Received	Book Value	Market Value
			Mar. 1, 1968	Mar. 1, 1968
First Federal Savings and Loan Association of Boston	1S-631	\$121.32	\$2,524.37	\$2,645.69

TABLE VI

## COMPARISON OF BOOK AND MARKET VALUES OF INVESTMENTS

	Book Value Mar. 1, 1968	Market Value Mar. 1, 1968
Bonds	\$ 78,056.94	\$ 64,790.00
Stocks	70,366.01	135,087.75
Savings Bank	2,645.69	2,645.69
Available for Investment	<u>9,906.84</u>	<u>9,906.84</u>
Total March 1, 1968	\$160,975.48	\$212,430.28
Total March 1, 1967	<u>151,347.90</u>	<u>209,309.16</u>
Increase or Decrease	+\$ 9,627.58	+\$ 3,121.12

TABLE VII

## COMPARISON OF BOOK AND MARKET VALUES OF FUNDS

Funds	Book Value Mar. 1, 1968	Market Value Mar. 1, 1968
Permanent	\$ 79,167.43	\$104,542.40
John R. Freeman	53,301.59	70,385.96
Edmund K. Turner	2,118.57	2,797.62
Desmond FitzGerald	4,476.64	5,911.51
Alexis H. French	2,097.41	2,769.68
Clemens Herschel	1,522.44	2,010.42
Edward W. Howe	2,359.12	3,115.27
William P. Morse	4,346.63	5,739.82
Frank B. Walker	1,930.71	2,549.55
Ralph W. Horne	3,508.83	4,633.49
Transportation Lectures	494.60	653.13
Structural Lectures	1,949.85	2,574.82
Lectures	3,260.16	4,305.11
Boring Data	<u>441.50</u>	<u>441.50</u>
Subtotal	\$160,975.48	\$212,430.28
Current	<u>1,500.00</u>	<u>1,500.00</u>
TOTALS	<u>\$162,475.48</u>	<u>\$213,930.28</u>



*REPORT OF THE AUDITING COMMITTEE*

Boston, Mass., March 19, 1968

We have reviewed the records and accounts of the Secretary and Treasurer of the Boston Society of Civil Engineers, and we have compared the bank statement of securities held by the Boston Safe Deposit and Trust Company with the enumeration submitted by the Treasurer.

We have found them to be in order and to account accurately for the Society's Funds.

Respectfully submitted,  
Frank J. Heger  
Llewellyn T. Schofield

*REPORT OF THE EDITOR*

March 18, 1968

The Journal was issued quarterly, for the months of April, July and October 1967, and January 1968, the latter being in press as of this date, as authorized by the Board of Government on December 20, 1936.

During the year eight articles were published, plus an index. Included in the papers were six presented at regular meetings of the society or its sections, and two contributions to the Journal.

Cost of the Journal for the fiscal year:

*Expenditures*

Printing and postage	\$ 6,403.92
Editor's salary	875.60
Editor's secretary	271.02
Reprints	63.64
Copyright	<u>24.00</u>
	\$ 7,638.18

*Receipts*

Advertising	\$ 2,128.59
Sale of Journals	3,021.78
Reprints	<u>360.00</u>
	\$ 5,510.37

Net expense of publication of the Journal: \$ 2,127.81

The figures indicated above include the cost of the January 1967 issue, but not the January 1968 issue.

Advertising income has increased 5.5% over last year and 63.2% over the previous year. During the year each issue of the Journal has been published late and with fewer articles than in previous years as the result of an insufficient number of articles submitted for publication review, and the protracted period of time sometimes necessary to complete the review procedure. It has been suggested that contributors to the Journal submit their articles for review in triplicate in order to expedite the review procedure.

With the Journal currently being distributed in more than 33 foreign countries, it can no longer be considered a publication of limited geographical interest. As a result, the editorial staff has contracted noted authors and leading investigators during the year from a list prepared by members of this society to solicit articles of interest and quality for publication.

Respectfully submitted,  
Ronald E. Buckman, Editor

### REPORT OF THE PUBLICATION COMMITTEE

March 19, 1968

This report covers the period from March 1967 to March 1968. It was compiled from reports by the chairman of the five section committees: construction, hydraulic, sanitary, structural, and transportation.

20 papers were delivered at meetings, including meetings held jointly with the Main Society or with other groups.

5 papers of the 20 were of general interest and the other 15 were specifically for a single project.

13 papers were requested from the speakers and 10 of these were promised.

2 of the 10 were received, and one of these is being reviewed currently.

It is observed that more papers were published than were received during the year. This is due to the backlog available from preceding years.

In addition to the above report, the Section Chairmen were requested to comment on the following three questions.

1. Should we reprint papers now out of print, if the content is still valid and the Society has received sufficient request for them?

4 yes; 1 no; 1 make a review so that an interested reader will obtain the full paper.

2. Shall we make extracts, with permission and by qualified men, of papers in other Journals?

2 yes; 1 no; 1 no answer. Comments: Ask the qualified men to write papers; more publicity regarding awards for papers; request items of general interest to be written by members of the Society; original papers to remain the backbone of the Journal.

3. Shall we print announcements of approaching conventions or of current research on matters of general interest to the members?

Regarding conventions: 2 yes; 2 no, 1 no answer.

Regarding current research: 4 yes, 1 no answer.

Respectfully submitted,  
Simon Kirshen, Chairman  
Publication Committee

*REPORT OF THE ADVERTISING COMMITTEE*

March 20, 1968

During the past year, the work of the Advertising Committee has been coordinated through the editor of the Journal and his secretary. Income from advertising has increased 5.5% over 1966, and 63.2% over the previous year.

It is felt that a reasonably active campaign to re-canvas traditional sources of advertising, such as contractors and equipment manufacturers, additional support in the professional card section, and newer unexplored areas such as reference and textbook publishers, could possibly result in removing the operating deficit of the Journal within a year or two.

Specific suggestions and cooperation from members of the society would be most helpful in this regard.

Respectfully submitted,  
Ronald E. Buckman, Chairman

*REPORT OF THE LIBRARY COMMITTEE*

March 19, 1968

The Library Committee held a meeting on February 14, 1968 and discussed the question of use of the library and its value.

Observations by members of the committee and information from the librarian indicated the representatives from various engineering offices, students, lawyers and some state agencies make use of the facilities. The number using the books and periodicals, however, is estimated as not over one or two on the average per day. Although the direct expenditure for the library is only a few hundred dollars per year, the small use raises the question as to whether the continuation of this service is warranted.

The committee recommends that during 1968 a study be made to determine the use made of the library, to inform the engineering public of its availability, and to determine the interest and need. The use would be determined by requesting all who make use of the library to register and record the purpose and whether books, etc. were taken.

The promotion of the use of the library would be by such means as (1) a statement of the facilities available by the presiding officer at the meetings of the Society and its Sections at one of the first meetings of the year; (2) an article in the ESNE Journal; and (3) a statement in regard to the library facilities inserted as a separate slip in an early issue of the Journal.

A determination of the need for the library will require investigation of the facilities available in the Boston area as provided by public libraries, the engineering schools and engineering offices. The attitude of the members of the Society should be obtained by having a show of hands at at least one of the meetings of the Society and its Sections to indicate first those who have used the library in the past year, and second those who consider the library necessary or desirable.

The approval of the Board of Government is requested by the Library Committee to make this study which can be done without expenditure of additional funds of the Society.

There were the following additions to the Library in the past year.

*Purchased (Cost \$4)*

Arch Dams - Embankment Dams - Concrete Gravity Dams, Jointly by ASCE and U.S. Committee on Large Dams.

*Donated*

Estuary & Coast Line Hydrodynamics, by Dr. Arthur T. Ippen  
Engineering, Its Role & Function in Human Society, by N.H. Davenport & Daniel Rosenthal  
Stream Flow Synthesis, by Myron B. Fiering  
Economic Geology, by O.C. Farquhar

Respectfully submitted,  
Joseph Capone  
George W. Hankinson  
Myles J. Holley, Jr.  
Miles N. Clair, Chairman

### REPORT OF THE HOSPITALITY COMMITTEE

Boston Massachusetts, March 1, 1968

The Hospitality Committee submits the following report for the year 1967-1968.

A total of six meetings of the Society were held during the past year. This was two meetings less than previous years. Included in this total were the Annual Dinner, a Student's Night Meeting, a joint meeting with the American Society of Civil Engineers, and three regular meetings of the Society.

Catered dinners were served prior to five meetings.

The average attendance of members and guests for all six meetings or dinners (using the larger attendance figure) was 108, as compared to last year's average of 116.

Attendance at regular meetings of the Society during the past year was 85 persons per meeting. This represents a 27 percent decrease in attendance over last year.

DATE	PLACE	MEETING	DINNER
March 14, 1967	M.I.T. Faculty Club	34	176
April 20, 1967	United Community Service Building	27	
October 25, 1967	University of Massachusetts Amherst, Massachusetts	250	250
December 6, 1967	Patten's Restaurant	44	44
January 24, 1968	United Community Service Building	94	82
February 14, 1968	Red Coach Grill	60	60

Respectively submitted,  
William H. Parker III  
Chairman

*COMMITTEE ON SUBSOILS OF BOSTON*

Boston, Mass., March 19, 1968

The Committee met on June 12, 1967. The Chairman of the Committee met with the Board of Government on October 23, 1967.

The Board of Government has approved the plans of the Committee to publish a supplement to the book "Boring Data From Greater Boston", which was published by the Society in 1961, and has agreed to take the following action in support of the committee:

- (1) Solicit consultants, contractors, government organizations, and others for \$10,000 to cover the cost of collecting, editing, and typing the data. (A letter of solicitation has been prepared and will be mailed out by the Committee over the signature of the President.)
- (2) Print interim reports in the Journal.
- (3) Underwrite the cost, estimated at \$3,000, for publishing a book that contains all interim reports.
- (4) Allocate space for files, a desk, and a drafting table in the Society rooms for a period of one year.
- (5) Handle all financial transactions.

The Committee plans to hire an engineer to start the compilation as soon as a sufficient amount of money has been realized from the solicitation.

Ronald C. Hirschfeld, Chairman

*JOINT COMMITTEE ON PROFESSIONAL CONDUCT*

Boston, Mass., March 19, 1968

Your representatives on the Joint Committee on Professional Conduct (ASCE, MSPE, BSCE) have attended its four meetings held at the Society Rooms during the year. William L. Hyland has been Secretary of the Committee and the writer has been Chairman. John H. Hession, your other member, resigned during the year.

Situations involving matters of professional ethics have been considered by the Committee. Both members and non-members of the sponsoring societies have been involved. Although no formal charges have been presented which would warrant reference to the governing bodies of the three societies, the Committee felt it proper to at least look into the alleged facts.

In one case a warning letter was sent to a member of one of the societies after a review of the facts. In another case a non-member was advised of the ethical standards for professional engineers. However, nothing developed which would justify charges and formal hearings.

In addition to the above specific cases, the Committee has discussed and argued at some length at its meetings various matters pertaining to the precise meaning of the ethical codes of the sponsoring societies, all of which are substantially the same. Among these matters were: advertising of professional services, competitive bidding, and political contributions. As among the membership at large there was no definite, unanimity of opinion with respect to details.

During the year the representatives of ASCE prepared a carefully thought-out procedure for the handling of ethical cases and for certain changes in its code. Considerable discussion failed to result in the complete and unanimous approval of the Joint Committee as a whole. However, there remains a degree of dissatisfaction in the minds of some members of the Committee with enforcement procedures.

Respectfully submitted,  
E. Sherman Chase  
Chairman

## REPORT OF JOINT LEGISLATIVE COMMITTEE

Boston, Mass., March 19, 1968

The following legislative acts of interest to engineers were called to your attention in our committee report of March 13, 1967.

The information below indicates the final actions taken on these bills during the 1967 session of the Massachusetts General Court.

Bill No.	Subject	Legislative Action
H3105	Petition of John P. O'Brien that persons passing a grade three civil service examination for civil engineer shall be qualified as a land surveyor.	Report next Annual Session on April 5, 1967
H 750	Petition of James P. Hunnell that provisions be made for state financial assistance to local or regional incinerator projects and for permitting application for federal funds.	Order for study by House Ways and Means. Rejected Sept. 26, 1967
H 415	Petition of Joseph E. Brett relative to the reimbursement by the Commonwealth of fifty percent of the actual cost incurred by a city, town, or regional incinerator district for the construction of an incinerator. Chapter 77 Resolve providing for the investigation and study by the Department of Public Health relative to the clearing of weeds and other growth from certain lakes and ponds in the Commonwealth and other related matters. (House 4781).	Reported as part of F4781 on May 10, 1967 and resolve approved by the Governor June 27, 1967.
H 829	Petition of David C. Ahearn that the Director of the Water Pollution Control Division be authorized to require the immediate construction of water pollution abatement facilities. Chapter 57 Resolve increasing the scope of the special commission established to make an investigation and study relative to the problems of water pollution in the Commonwealth and the laws thereof relating to water pollution (H4727.)	Reported as part of H4727 and resolve approved by the Governor June 13, 1967.
H1721	Petition of Michael S. Dukakis that provisions be made for the protection of the public health in respect to the construction of nuclear facilities.	Reported as part of H4738. Next Annual Session on May 23, 1967.
H2259	Petition of John F. Flaherty relative to the approval of places for the deposit of the residue from municipal refuse disposal incinerators.	Nonconcurrence by Senate June 28, 1967.

Bill No.	Subject	Legislative Action
H2446	Petition of Francis W. Hatch, Jr. and other members of the House and another for legislation to provide financial assistance by the Commonwealth to regional solid waste disposal districts.	Reported as part of H5199. Next Annual Session.
H2447	Petition of Francis W. Hatch, Jr., and other members of the House and another for legislation to authorize the formation of regional solid wastes disposal districts.	Next Annual Session on April 10, 1967.
H2448	Petition of Francis W. Hatch, Jr., and other members of the House and another that the Department of Public Works be authorized to operate facilities for the sanitary disposal of solid wastes.	Next Annual Session on April 10, 1967.
S 763	Petition of the Mass. Municipal Engineers Assoc., by Frank S. Lagrotteria, for legislation to provide that persons in charge of certain work for cities and towns shall be registered professional engineers or registered land surveyors.	Basis in part for H4585 ordering committee of Public Service to study subject matter during recess of the General Court, June 6, 1967.
H2661	Petition of the Consulting Engineers Council of New England, Inc., that provisions be made for methods of payment on public consulting services performed by architects and engineers.	Reported as part of H5135 (order to be studied) Rejected October 11, 1967.
S 184	Petition of Elliot L. Richardson and Oliver F. Ames for legislation to extend to authorities the application of law pertaining to rules and regulations governing the employment of consultants.	Reported as part of H4361 and resolve approved by Governor July 31, 1967.
	<p>Chapter 108</p> <p>Resolve increasing the scope of the special commission established to make an investigation and study relative to the awarding of contracts for construction and for materials by counties, cities, towns, and districts in cases of extreme emergency and other related matters. (H4361)</p>	
S 186	Petition of Morton B. Brown for legislation to establish a board of registration of professional community planners.	Next annual session April 4, 1967.
S 824	Petition of James A. Kelly, Jr., for legislation to amend the statutes regulating competitive bidding in the award of contracts for public building projects.	Basis in part for Chapter 108 Resolves (see above S 184)

Bill No.	Subject	Legislative Action
H 452	Petition of Francis W. Hatch, Jr., and John R. Buckley and other members of the House for legislation to extend to public authorities the application of certain laws pertaining to statements required from consultants.	Reported in H5050 (order to be studied) Rejected Sept. 26, 1967.
H1129	Petition of Charles W. Terenzio and Herbert B. Hollis for legislation to provide an executive secretary for the Board of Registration of Professional Engineers and of Land Surveyors.	Reported in H5050 (order to be studied) Rejected Sept. 26, 1967.
H1131	Petition of John P. O'Brien for an investigation by a special commission (including members of the General Court) relative to certain practices of the Board of Registration of Professional Engineers and of Land Surveyors in the granting of certificates.	Reported as part of H5135 (order to be studied) Rejected October 11, 1967.
H1742	Petition of the Mass. Department of Public Works Engineers Local 780, AFSC&ME AFL-CIO and Arthur McKenna relative to the membership of the Board of Registration of Professional Engineers and of Land Surveyors and regulating the practice of professional engineers and land surveyors.	Reported as part of H5135 (order to be studied) Rejected October 11, 1967.
H2117	Petition of Fred C. McClean and David N. Vigneault for legislation to require prompt decisions by the awarding authority, architect or engineer in public works contracts.	Basis in part for Chapter 108 Resolves (see above S 184).
H4005	Petition of James L. Grimaldi for regulating the appointment of architects and engineers by the designer selection board.	Basis in part for Chapter 108 Resolves (see above S 184).
H1766	Petition of John F. Dolan for legislation to authorize a comprehensive ten-year program of water resources planning.	Redrafted and reported as H5130 to Ways and Means on Aug. 16, 1967 - No further action.
H2328	Petition of Jerome A. Segal for establishing a certification board of personnel of water works and waste water disposal facilities.	Basis in part for H4695 (order to be studied) adopted June 8, 1967 by House Ways and Means.



Bill No.	Subject	Legislative Action
H3881	Petition of Walter T. Kostanski for legislation providing state aid to cities and towns for the purpose of increasing water supplies.	See above H1766
H4351	Order that a special committee be established to make an investigation and study of air pollution of the atmosphere and environment of any part of the Commonwealth from any source. * (*This special committee submitted one piece of legislation which was enacted as Chapter 900 — "An Act Providing for the declaration of air pollution emergencies by the Commissioner of Public Health with the approval of the Governor".	Adopted Feb. 21, 1967 Interim report Dec. 27, 1967. Committee extended to June 26, 1967.

The following proposed legislation for consideration by the 1968 Massachusetts General Court should interest engineers:

Bill No.	Description	Legislative Action as of March 12, 1968
H1922	Petition of T. McGrath III and T. Hickey relative to the qualifications for registration as professional engineers and surveyors.	House Resolve 3819 to Joint Rules Feb. 13, 1968.
H1542	Petition of Mass. State Engineers Assoc., Inc. relative to the regulation of the practice of land surveying.	House Resolve 3819 to Joint Rules Feb. 13, 1968.
H1381	Petition of James Nolen for legislation to restrict membership of certain state boards.	Hearing March 25, 1968 before State Administration.
H3454	Petition of Thomas McGee for defining further the educational standards to qualify for registration as a land surveyor.	House Resolve 3819 to Joint Rules on Feb. 13, 1968.
S 679	Petition of the Mass. State Engineers Assoc. Inc. for legislation relative to age requirements in professional engineer registration.	Senate Bill S679 for a third reading Feb. 5, 1968.
S 577	Petition of the Mass. Municipal Engineers Assoc. Inc. to provide persons in charge of certain work for cities and towns shall be registered professional engineers or registered land surveyors.	Next annual session on Feb. 28, 1968.

Bill No.	Description	Legislative Action as of March 12, 1968
S 685	Petition of James Kelley and J. Nolen for legislation to create the office of executive secretary of the board of registration of professional engineers and of land surveyors and increasing the fees for registration of professional engineers and land surveyors.	Senate Ways & Means on Feb. 26, 1968.
S 700	Petition of James Kelley to provide for methods of payment of public consulting services performed by architects and engineers.	Heard on Feb. 28, 1968 by State Administration Committee.
S 698	Petition of DeNormandie to establish board of registration of landscape architects and provide use of the title of landscape architects.	Hearing on March 13, 1968 by Committee on State Administration.
H1124	Petition of T. Farrell for requiring prompt decisions by the awarding authority, architects or engineers on public works projects.	House Resolve 3823 to Joint Rules on February 14, 1968.
H2851	Petition of Paul C. Menton to investigate by Special Commission relative to the operation of Trade Regulation Board and other professional regulatory boards.	Hearing on March 25, 1968 by Committee on State Administration.
S623	Petition of Maurice A. Donahue and Samuel Harmon for legislation to require the architects and engineers of housing projects for the elderly to consult with the Commission on Aging prior to construction.	Senate Bill 623 Feb. 27, 1968.

Respectfully submitted,

Charles A. Parthum  
 Ralph M. Soule  
 James L. Dallas, Chairman

*REPORT OF THE JOHN R. FREEMAN FUND COMMITTEE*

Boston, Mass., March 19, 1968

During the present year the Freeman Fund Committee authorized the third Freeman Memorial Lecture. In consequence Mr. John Parmakian presented a paper entitled "Unusual Aspects of Hydraulic Transients in Pumping Plants" before the Society on Wednesday evening January 24, 1968.

The Committee also voted to offer a John R. Freeman Scholarship during the year 1968.

Respectfully submitted,  
George R. Rich  
Thomas R. Camp  
Clyde W. Hubbard  
Lee M. G. Wolman  
Leslie J. Hooper, Chairman

*REPORT OF THE RALPH W. HORNE FUND COMMITTEE*

Boston, Mass., March 19, 1968

This is the second Annual Report of the Ralph W. Horne Fund Committee.

At the 1967 Annual Meeting of the Society, Llewellyn T. Schofield was honored as the recipient of the Ralph W. Horne Award, and presented with a certificate in recognition of unpaid public service he had rendered throughout his professional career. Prior recipients of the award have been Miles N. Clair in 1966, and Charles O. Baird, Jr., in 1965. The Committee has recommended Carl S. Ell for the 1968 Award.

Respectfully submitted,  
Miles N. Clair  
George G. Bogren  
William L. Hyland, Chairman

*REPORT OF THE EXECUTIVE COMMITTEE OF  
THE STRUCTURAL SECTION*

February 27, 1968

The following meetings were held during the past year:

- |                   |  |
|-------------------|--|
| April 12, 1967    | Dr. William A. Litle, Associate Professor of Civil Engineering at M.I.T. spoke on "The Use of Structural Models". Attendance was 41.   |
| May 10, 1967      | Dr. E. E. Traum, Visiting Professor of Structures, Dept. of Architecture M.I.T., spoke on "New Precast Structure Replaces Navy Blimp Hangars". Attendance was 14.  |
| October 10, 1967  | Dr. Frank J. Heger, Jr., of Simpson, Gumpertz & Heger, spoke on "Design of Pavilion Dome at Expo '67". Attendance was 24.  |
| November 8, 1967  | Prof. John Scrivener, visiting professor at M.I.T., from New Zealand, spoke on "Prestressed Concrete Cylinder Shell Roofs". Attendance was 22.   |
| December 13, 1967 | Prof. Sepp Firnkas, Associate Professor of Civil Engineering, Northeastern University, spoke on the subject "High-Strength Concrete". Attendance was 35.   |
| January 10, 1968  | This was a Joint Meeting of the Structural and Construction Sections. The first speaker, Mr. H. B. Mandel, Project Engineer for Parsons, Brinkerhoff, Quade & Douglas, spoke on the engineering aspects of the design of the foundation for the Newport-Jamestown, R.I. Bridge. The second speaker, Mr. Morse Klubock, Chief Engineer of the Marine Division of Perini Corporation, spoke on the construction aspects of the foundation for the above bridge. Attendance was 53. |
| February 14, 1968 | Prof. Charles C. Ladd spoke on "Design and Performance of a Floating Foundation Resting on Organic Soils in Boston". Attendance was 75.  |

The total attendance at the seven meetings was 264, averaging 38 per meeting.

Respectfully submitted,  
Albert B. Rich,  
Clerk

*REPORT OF THE EXECUTIVE COMMITTEE  
OF THE SANITARY SECTION*

February 21, 1968

During the preceding year the Executive Committee of the Sanitary Section has included:

Walter M. Newman, Chairman  
Charles A. Parthum, Vice-Chairman  
David A. Duncan, Clerk  
Allison C. Hayes, Executive Committee  
Leland F. Carter, Executive Committee  
Cornelius O'Leary, Executive Committee

*Annual Meeting March 1, 1967*

Following the election of officers, Mr. David Standley, Associate Air Pollution Control Engineer of the Massachusetts Department of Public Health, presented an illustrated paper entitled "The Status of Air Pollution in Boston". Thirty-five members and guests attended the meeting.

*Annual Outing June 7, 1967*

The annual outing was a joint meeting with the Main Society. This outing consisted of a view of the water quality in Boston Harbor aboard the chartered motor vessel "New Boston". Mr. Francis T. Bergin, Sanitary Engineer of the Metropolitan District Commission, and the ship's captain acted as guides and pointed out many points of interest during the trip. The ship docked briefly at Fort Warren and all aboard had a chance to view this historical landmark.

The weather was ideal for such a trip, and seventy-five members and guests were aboard.

*Meeting October 4, 1967*

Mr. David Horsefield, Project Engineer, Camp, Dresser & McKee, presented a paper entitled "Master Sewerage Plan for Bogota, Colombia". Thirty-four members and guests attended the meeting.

*Meeting December 6, 1967*

This meeting was a joint meeting with the Main Society. Mr. Robert G. Davidson, Executive Director of the Metropolitan Area Planning Council, spoke on "A Solid Disposal Program for Metropolitan Boston". Mr. Davidson outlined the two possible approaches to solid waste disposal and the legislation affecting this problem. He spoke on the matter of the Metropolitan Boston Area approach vs. the statewide approach.

The Executive Committee met three times during the year. Among the major items considered by the Executive Committee were the following:

1. Informative brochure on sanitary engineering for college students.
2. Sanitary engineering seminar series proposed for 1968-69.
3. Society quarters.

Respectfully submitted,  
David A. Duncan, Clerk

**EXECUTIVE COMMITTEE REPORT  
HYDRAULICS SECTION**

February 24, 1968

The following meetings of the Hydraulic Section of the Boston Society of Civil Engineers were held during the past year:

*May 3, 1967* — Mr. Thomas F. Cheyer, of Camp, Dresser and McKee, Consulting Engineers, spoke on "The Warragamba Pipe Lines Stilling Basins, Sydney, Australia." Attendance 20.

*November 1, 1967* — Mr. Martin F. Cosgrove, Chief Engineer of the Construction Division of M.D.C. and Mr. Antonio Ferreira, Chief Hydraulic Engineer, Northeast Utilities Service Company, spoke on "Northfield Mountain Pumped Storage Project." Attendance over 45.

*January 24, 1968* — The Annual Meeting was held jointly with the Main Society of the Boston Society of Civil Engineers in the Adams Room of the United Community Services Building, 14 Somerset Street, Boston, Massachusetts. President, Harry L. Kinsel of the Society, presided.

Chairman Allan Grieve, Jr., of the Hydraulics Section presented the report of the Nominating Committee of the Hydraulics Section, consisting of Messrs. Peter S. Egleston, Chairman, Nicholas Lally and K. P. Devenis with the following slate of officers of the Hydraulic Section for the year 1968-69, who were subsequently elected unanimously by voice vote:

Chairman	Athanasios A. Vulgaropulos
Vice-Chairman	Ronald T. McLaughlin
Clerk	Stephen E. Dore, Jr.
Executive Committee	Albert G. Ferron
	Jerome Degen
	Frank E. Perkins

President Kinsel called on Professor Leslie J. Hooper, Chairman of the John R. Freeman Memorial Committee to introduce the speaker, Mr. John Parmakian, Consulting Engineer, who gave the third John R. Freeman Memorial Lecture on "Unusual Aspects of Hydraulic Transients in Pumping Plants." Mr. Parmakian was presented with a certificate for the lecture and a check on behalf of the John R. Freeman Memorial Fund.

Respectfully submitted,  
Ronald T. McLaughlin  
Clerk

**REPORT OF THE EXECUTIVE COMMITTEE OF  
THE TRANSPORTATION SECTION**

March 1, 1968

- The Transportation Section held four (4) meetings during the past year:
- April 26, 1967      Mr. John A. Swanson, Regional Federal Highway Administrator, gave many examples of the need for "Project Design for Safety". Attendance 35.
- October 18, 1967      Mr. William R. McGrath, Transportation-Engineering Co-ordinator of the Boston Redevelopment Authority spoke on "The Approach to Transportation Planning in the Boston Area". He discussed the many interagency activities, the need for a single transportation planning authority, the problems created by the existing methods of financing, and the relationship of planning to the political scene. Attendance 22.
- November 15, 1967      A planned joint meeting with the Main Society had to be cancelled because of a severe snow storm.
- January 17, 1968      Rescheduled from November 15, 1967, Mr. Robert G. Davidson, Executive Director of the Metropolitan Area Planning Council, described the work of the Council in the field of transportation, giving numerous examples of involvement with current projects. Attendance 20.
- February 28, 1968      At the Annual Meeting of the Section, Mr. Frank Hoppe, Supt. of Engineering for the Massachusetts Bay Transportation Authority gave an illustrated presentation entitled "The Southwest Transportation Corridor". He described first the overall MBTA expansion plans and then the numerous problems encountered in the design of the joint rapid transit-highway corridor. Attendance 57.

The Executive Committee elected for the coming year will consist of the following:

Maurice Freedman, Chairman  
Charles D. Shaker, Vice Chairman  
Louis A. Forti, Jr., Clerk  
A. Paul LaRosa, Executive Committee  
James F. Orpin  
Charles H. Flavin

During the past year the Executive Committee held five (5) meetings, experimented with program format, and requested the addition of a number of firms to the BSCE mailing list.

Respectfully submitted,  
Charles H. Flavin  
Chairman

**REPORT OF THE EXECUTIVE COMMITTEE OF  
CONSTRUCTION SECTION**

March 31, 1968

To the Boston Society of Civil Engineers:

The Construction Section held three meetings during 1967 and two meetings during the first quarter of 1968. The first meeting held was with the Structural Section.

*May 24, 1967*

A luncheon meeting was held at the 1200 Beacon Street Motel. Captain Harry C. Rowe, CEC, USN, Public Works Officer, Boston Naval Shipyard, gave an illustrated lecture on "Repairs to the Major Caisson Seat of Dry Dock No. 3 in the Boston Naval Shipyard Annex, South Boston." Repairs were made necessary by the breaking of the bond between the granite face and the concrete backup.

Attendance — 30.

*January 10, 1968.*

A joint meeting was held with the Structural Section. The discussions of the meeting is contained in the Structural Section report.

*March 27, 1968.*

The speakers were C. T. Gordon and D. K. Feldtmose of Stone & Webster Engineering Corporation. Their topic was the design and construction of the Connecticut Yankee Atomic Energy Plant at Haddam, Connecticut.

Attendance — 38.

Respectfully submitted  
C.F. Sullivan, Clerk

---

**REPORT OF THE MEMBERSHIP CENTRAL COMMITTEE**

Boston, Mass., March 19, 1968

The increase in membership during the current year has been as follows:

New Members	33
New Juniors	5
Reinstated	1
Juniors trans. to members	7
Students trans. to Juniors	4
Members eligible this year for Life Membership	15

Total Membership as of March 1, 1968, 1,052.

*Summary of Loss of Members*

Deaths	10
Resignations	42
Dropped for non- payment of dues	43
Dropped for fail- ure to transfer	2

It is felt that the continued growth of the Society can be best encouraged by individual contact by the members among their engineering friends and associates. It is recommended that this be brought to the attention of the membership in the NEWS-LETTER, as well as at meetings of the Society and its Sections.

Respectfully submitted,  
James P. Archibald  
Chairman



*INTERIM REPORT COMPUTER ANALYSES  
DESIGN AND CONTROL IN CIVIL ENGINEERING*

March 19, 1968

The above lecture series started on November 14, 1967, and concluded on February 27, 1968. Meetings were held weekly with the exception of December 26 and January 2. Twenty-two lecturers spoke during the course of fourteen seminars.

Registration for the series was as follows:

BSCCE Members	41
Nonmembers	59
Speakers	23
Committee	6
Total Registration	<u>129</u>

Of the 59 nonmembers registered, seven (7) made application for membership.

Average attendance for the series was 63, highest attendance was 110 on November 21, 1967, when John Wells and Saul Namyet spoke on "Structural Analysis and Design."

A book honorarium was offered to participants. At the close of the series only three (3) participants had presented requests. In order to facilitate closing the account it was decided to present each of the others a check for the amount offered. The book requests and a list of honorarium candidates are enclosed.

Lecture notes are to be printed shortly. Expenses and honorarium costs have not been paid. A financial report for the series will, therefore, have to be presented when the account is closed.

I wish to express my sincerest appreciation to the members of the committee, without whom the series could not have succeeded. The members are; Joseph J. Harrington, Frank Heger, Frank E. Perkins, Gerald L. Woodland and Paul A. Dunkerley.

Respectively submitted,  
Richard F. Dutting, Chairman