

OF GENERAL INTEREST

PROCEEDINGS OF THE SOCIETY

MINUTES OF MEETING

Boston Society of Civil Engineers

JANUARY 24, 1962.—A regular meeting of the Boston Society of Civil Engineers was held this evening in the Society Rooms, 20 Pemberton Square, Boston, Mass., and was called to order by Vice President Charles H. Norris, at 7:00 P.M.

Vice President Norris stated that the minutes of the previous meeting held December 13, 1961 would be published in a forthcoming issue of the Journal and that the reading of those minutes would be waived unless there was objection.

Vice President Norris announced the death of the following members:—

Harold C. Whitmore, who was elected a member May 19, 1915, and who died December 29, 1961.

John P. Wentworth, who was elected a member January 24, 1912, and who died January 20, 1962.

Arthur J. Ober, who was elected a member March 20, 1895, and who died January 21, 1962.

Frederick T. Weed, who was elected a member May 17, 1948, and who died January 23, 1962.

The Secretary announced the names of applicants for membership in the Society and that the following had been elected to membership January 22, 1962:—

Grade of Member—George W. Fait, Henry D. Hoyle, Jr.

Vice President Norris requested the Secretary to present a recommendation of the Board of Government to the Society for action and stated that this matter was before the Society in accordance with the provisions of the By-Laws and notice of such action published in the ESNE Journal dated January 15, 1962.

The Secretary presented the following recommendation of the Board of Government to the Society for initial action to be taken at this meeting.

MOTION “to recommend to the Society that the Board of Government be authorized to transfer an amount not to exceed \$2500 from the Principal of the Permanent Fund to the Current Fund for current expenditures.

On motion duly made and seconded it was VOTED “that the Board of Government be authorized to transfer an amount not to exceed \$2500 from the Principal of the Permanent Fund to the Current Fund for current expenditures.”

Vice President Norris stated that final action on this matter would be taken at the February 21, 1962 meeting of the Society.

Vice President Norris then introduced the speaker of the evening, Mr. Richard R. Green, Project Director of Parker Hill Fenway Project, Boston Redevelopment Comm., who gave a most interesting talk on “Progress of Redevelopment Program.” Following the talk was a discussion and question period.

30 members and guests attended the meeting.

The meeting adjourned at 9:00 P.M.

CHARLES O. BAIRD, JR., *Secretary*

FEBRUARY 21, 1962.—A Joint Meeting of the Boston Society of Civil Engineers with the Hydraulics and Structural Sections was held this evening at the United Community Services Building, 14 Somerset Street, Boston, Mass., and was called to order by President James F. Brittain, at 7:00 P.M.

President Brittain stated that the minutes of the previous meeting held January 24, 1962 would be published in a forthcoming issue of the Journal and that the reading of those minutes would be waived unless there was objection.

The Secretary announced the names of applicants for membership in the Society.

President Brittain requested the Secretary to present a recommendation of the Board of Government to the Society for action, and stated that this matter was before the Society in accordance with the provisions of the By-Laws and notice of such action published in the ESNE Journal dated February 12, 1962.

The Secretary presented the following recommendation of the Board of Government to the Society for action to be taken at this meeting.

MOTION "to recommend to the Society that the Board of Government be authorized to transfer an amount not to exceed \$2500 from the Principal of the Permanent Fund to the Current Fund for current expenditures."

On motion duly made and seconded it was VOTED "that the Board of Government be authorized to transfer an amount not to exceed \$2500 from the Principal of the Permanent Fund to the Current Fund for current expenditures."

President Brittain stated that this was the final action on this matter.

President Brittain stated that this was a Joint Meeting with the Hydraulics and Structural Sections and called upon Donald R. F. Harleman, Chairman of the Hydraulics Section and Myle J. Holley, Jr., Chairman of the Structural Section to conduct any necessary business of those Sections at this time.

President Brittain introduced speaker of the evening, Howard M. Turner, Consulting Engineer, who presented a most interesting illustrated talk on "New England Floods and the Society's Flood Reports." Following the talk was a discussion period.

Forty-two members and guests attended the dinner preceding the meeting and 66 members and guests attended the meeting.

The meeting adjourned at 8:45 P.M.

CHARLES O. BAIRD, JR., *Secretary*

MARCH 22, 1962.—The 114th Annual Meeting of the Boston Society of Civil Engineers was held today at the M.I.T. Faculty Club, Cambridge, Mass., and was called to order at 4:00 P.M., by President James F. Brittain.

President Brittain announced that the reading of the Minutes of the Society meetings had been omitted during the year. The Minutes of the January and February meetings would be published in a forthcoming issue of the Journal. The Minutes of the April, May, September, October, November and December 1961 meetings to be declared approved as published.

It was VOTED "to approve the minutes as published."

The Secretary announced the names of applicants for membership in the Society and that the following had been elected to membership on March 19, 1962:—

Grade of Member—John P. LeBlanc, Charles H. Mitchell*, William Simonson.

*Transfer from Junior

Grade of Junior—Warren D. McLea,
Domenic V. Tutela.

The Annual Reports of the Board of Government, Treasurer, Secretary and Auditors were presented. Reports were also made by the following committees—Hospitality, Library, John R. Freeman, Membership, Public Relations, Advertising, Subsoils of Boston and Joint Legislative Committee.

It was VOTED “that these reports be placed on file.”

The Annual Reports of the various Sections were read and it was VOTED “that the Reports of the Sections be placed on file.”

President Brittain stated that all foregoing reports would be published in the April, 1962 issue of the Journal.

The Report of the Tellers of Election, Marcello J. Guarino and Benedict J. Quirk was presented and in accordance therewith the President declared the following had been elected officers for the ensuing year:—

President George G. Bogren
V-President (for one year) John F. Flaherty
V-President (for two years) William A. Henderson

Secretary (for one year)

Charles O. Baird, Jr.

Treasurer (for one year)

Paul A. Dunkerley

Directors (for two years)

Clair N. Sawyer

Paul S. Crandall

Nominating Committee

(for two years) James W. Daily

Richard W. Albrecht

Roy L. Wooldridge

The retiring President James F. Brittain then gave his address entitled “Our Profession and Our Society—Then and Now.”

Forty members and guests attended the business meeting.

The meeting adjourned at 5:20 P.M. to re-assemble at 8:00 P.M. The Annual Dinner being held during the interim.

The President called the meeting to order at 8:00 P.M.

Following general remarks and the introduction of the newly elected President George G. Bogren, and other guests at the head table the various prize awards were made.

The Secretary read the various prize awards and asked the recipients to come forward and President Brittain presented the following awards:

<i>Award</i>	<i>Recipient</i>	<i>Paper</i>
Desmond FitzGerald Medal	Gordon M. Fair	“Publish or Perish—The Survival of Civil Engineering as a Learned Profession”.
Clemens Herschel Awards	Hon. John F. Collins R. Steven Kleinschmidt	“Rebuilding a City”.
Sanitary Section Award	Ariel A. Thomas	“Hydraulic Design of Detention Tank”.
Structural Section Award	William H. Mueser	“Starting New Sewage Treatment Plants”.
Hydraulics Section Award	Howard M. Turner	“The Carrier Repair Site—Puget Sound Naval Shipyard”.
Desmond FitzGerald Scholarship	Marcia A. Bush	“Report of the Boston Society of Civil Engineers’ Flood Committee”.
William P. Morse Scholarship	Robert J. Merlino	Northeastern University Tufts University

President Brittain introduced the guest speaker of the evening, Prof. George H. Meserve, Jr., Chairman, Art Department, Northeastern University who gave a most interesting illustrated talk on "Engineering in Ancient Architecture".

At the conclusion of the talk President Brittain turned the meeting over to President elect George G. Bogren.

President Bogren presented retiring President James F. Brittain with a certificate of appreciation for services rendered.

The meeting adjourned at 10:30 P.M. One hundred fifty-nine members and guests attended the dinner and meeting.

CHARLES O. BAIRD, JR., *Secretary*

STRUCTURAL SECTION

JANUARY 10, 1962.—The meeting was opened by Chairman Myle J. Holley, Jr., who introduced the speaker, Robert J. Hansen, Professor of Structural Engineering, Massachusetts Institute of Technology. Professor Hansen spoke on the "Feasibility of Structural Hardening against Nuclear Weapons." Professor Hansen has been doing research on the effects of blast on structures since World War II, and has been intimately involved in committee work on protection against nuclear warfare. He was a member of the Gaither Committee, he is consultant to the Air Force, Department of Defense, and a member of the firm of Newmark Hansen and Associates which is currently doing research on these problems.

The main purpose of his talk was to correct misleading impressions that there is little or no protection against the effects of nuclear warfare, or that such protection is uneconomical. This thinking results partly from an emotional approach to the problem, partly from the appalling magnitude of the problem when considered as a whole. Professor Hansen broke the problem up into six components: shock effects, nu-

clear radiation, thermal radiation, fallout, ground shock and firestorm. He showed slides showing the results of research on each of these phases, and told his audience that information has been and is being made available to architects and engineers on public and private shelters.

His contention is that "provision for survival from all effects of nuclear weapons is technically feasible up to the crater lip," and that anyone can provide some measure of protection.

The talk of about an hour's length was followed by very lively discussion for another hour. The attendance was about 45.

P. S. RICE, *Clerk*

SURVEYING AND MAPPING SECTION

JANUARY 17, 1962.—The regular annual meeting of the Surveying and Mapping section of the Boston Society of Civil Engineers was called to order by Roy L. Wooldridge at 7:05 P.M., at the Society Rooms on this date. Due to the absence of the Clerk, the reading of the report of the last meeting was omitted.

Mr. Harry R. Feldman, Chairman of the Nominating Committee, presented the following slate of officers for the coming year, and they were duly elected by the members present.

Chairman	Richard D. Raskind
Vice-Chairman	Rudolf S. Slayter
Clerk	Joseph E. Bodio
Executive Committee	

	Robert E. Cameron
	Alexander E. Manning
	John P. Hurney

Since there was no further business to be discussed on this occasion, the Chairman introduced the speakers of the evening, Philip H. Kitfield, Chief Engineer—Massachusetts Turnpike Authority, James A. Armstrong, Resident Engineer—Massachusetts Turnpike Au-

thority, Edward J. Cameron, Field Engineer—New England Survey Service, who spoke on the subject "The William F. Callahan, Jr., Tunnel". Mr. Comeau's part of the talk was accompanied by some interesting slides taken at the construction site. After a question and answer period, the meeting was adjourned at 9:00 P.M.

The meeting was attended by fifty members and guests.

ROY L. WOOLDRIDGE, *Acting Clerk*

ADDITIONS

Members

David W. Beach, P.O. Box 116, Woodstock, Conn.
LeRoy E. Christie, 470 Lebanon Street, Melrose, 76, Mass.

John R. Elwood, 83 Karen Road, Framingham, Mass.

George W. Fait, 70 Common Street, Quincy 69, Mass.

Sepp Firnkas, 120 Boylston Street, Boston, Mass.

William S. Hartley, 321 Lincoln Street, Waltham 54, Mass.

Henry D. Hoyle, 126 Summer Avenue, Reading, Mass.

Bradford H. Jones, 65 Belmont Street, Weymouth, Mass.

William Simonson, 44 Revere Beach Pky., Revere 51, Mass.

Juniors

Domenic V. Tutela, 86 Fellsway West, Somerville, Mass.

Deaths

Harold C. Whitmore, Dec. 29, 1961