

PROCEEDINGS OF THE SOCIETY

Minutes of Meeting

Boston Society of Civil Engineers

SOCIETY MEETINGS

April 24, 1968.—A Joint Meeting of the Boston Society of Civil Engineers with the Transportation Section was held this evening in the Adams Room, United Community Services Building, 14 Somerset Street, Boston, Mass., and was called to order by President Harl P. Aldrich, Jr., at 7:00 P.M.

President Aldrich stated that the Minutes of the previous meeting held March 19, 1968, would be published in a forthcoming issue of the Journal and that the reading of those Minutes would be waived unless there was objection.

President Aldrich announced the death of the following members:—

George A. Macdonald, elected a member June 20, 1928, who died May 5, 1967.

John Lucas, elected a member November 17, 1920, who died December 10, 1967.

The Secretary announced the names of applicants for membership and that the following had been elected to membership April 17, 1967:—

Grade of Member - Robert E. Broderick*, Gerald D. Cichy*, Umesh S. Durgakeri, James S. Keefe, John E. Perry Jr.*

Grade of Junior - Herman R. Weinberg

Grade of Student - David E. Thompson

*Trans. from Junior

President Aldrich stated that this was a Joint Meeting with the Transportation Section and turned the meeting over to Maurice Freedman, Chairman of that

Section to conduct any necessary business of the Section at this time.

Chairman Freedman introduced the guest speaker of the evening, Mr. John T. Driscoll, Chairman, Massachusetts Turnpike Authority, who gave a most interesting talk on "Recent Activities of the Massachusetts Turnpike".

A discussion period followed the talk. Twenty-eight members and guests attended the dinner preceding the meeting. Thirty-five members and guests attended the meeting.

The meeting adjourned at 8:30 P.M.

Respectfully submitted,

Charles O. Baird, Jr.
Secretary

May 22, 1968.—A regular meeting of the Boston Society of Civil Engineers was held this evening in the Society Rooms, 47 Winter Street, Boston, Mass., and was called to order by President Harl P. Aldrich, Jr., at 7:00 P.M.

President Aldrich stated that the Minutes of the previous meeting held April 24, 1968, would be published in the Journal and that the reading of those Minutes would be waived unless there was objection.

President Aldrich announced the names of applicants for membership and that the following had been elected to membership May 22, 1968:—

Grade of Member - Walter W. Massie*, Paul W. McHugh, Edward A. Welch.

*Trans. from Junior

President Aldrich introduced the guest speakers of the evening, Elliot F. Childs,

Chief, Hydraulics, Hydrology Branch, and John M. Lind, Project Engineer, New England Corps of Engineers, who gave a most interesting illustrated talk on "Comprehensive Charles River Watershed Study".

A discussion period followed the talk.

Seventy-one members and guests attended the meeting.

The meeting adjourned at 8:35 P.M.

Respectfully submitted,
Harl P. Aldrich, Jr.,
President

October 16, 1968:—A Joint meeting of the Boston Society of Civil Engineers and the Massachusetts Section of the American Society of Civil Engineers was held this evening at the Northeastern University Warren Center, Ashland, Mass. The Student Chapters of the New England Colleges were especially urged to attend.

At 6:30 P.M., a dinner was served and delegates from Northeastern University, Tufts University, Merrimack College, New England College, University of New Hampshire and Southeastern Mass. Technology were present.

Vice President Robert H. Culver extended a cordial welcome to the Students.

Vice President Culver introduced James P. Archibald, President of Mass. Section of the American Society of Civil Engineers, and asked him to conduct any necessary business of ASCE at this time.

Vice President Culver then introduced the guest speaker of the evening, Joseph C. Lawler, Partner, Camp, Dresser & McKee, who gave a most interesting talk on "Civil Engineering Experience Abroad". The talk was illustrated with slides.

A question period followed the talk. One hundred eighty-eight members and guests attended the meeting.

The meeting adjourned at 9:30 P.M.

Respectfully submitted,
Chalres O. Baird, Jr.
Secretary

SANITARY SECTION

March 6, 1968:—The Annual Meeting of the Sanitary Section was held at European Restaurant and was called to order at about 7:30 p.m. by Chairman Walter M. Newman after dinner was served.

The report of the Nominating Committee was presented and the following officers were elected for 1968:

Charles A. Parthum	Chairman
David A. Duncan	Vice-Chairman
Leland F. Carter	Clerk
Allison C. Hayes	Executive Committee
Cornelius O'Leary	Executive Committee
Prof. Alvin Goodman	Executive Committee

Chairman Walter Newman then introduced the speaker of the evening, Dr. Clarence Tarzwell.

Dr. Tarzwell's talk on Water Quality Control and his views and criticisms of present approaches to standards was very interesting and thought-provoking.

Leland F. Carter
Clerk

June 5, 1968:—The Annual Outing of the Sanitary Section was held as a joint meeting with the Boston Society of Civil Engineers and included a tour of the water treatment plant, sewage treatment plant, and incinerator in the City of Woonsocket, Rhode Island.

Between the hours of 2:00 p.m. and 5:30 p.m., members visited the above facilities in groups or individually.

The water treatment plant, placed in operation in 1962, has a present capacity of 11.25 mgd with provisions for expansion to 15.0 mgd. Flocculation, sedimentation, and rapid sand filtration is accomplished in annular compartments of single steel structures.

The sewage treatment plant, placed in operation in 1964, provides primary treatment for a design capacity of 10.8 mgd. Treatment units consist of comminutors, aerated grit chambers, primary settling tanks, chlorination contact tank, sludge digestion tanks, and a vacuum filter. Ap-

proximately 3 mgd of primary effluent receives secondary treatment, consisting of conventional activated sludge and final settling, in a split treatment operation, prior to chlorination.

The incinerator, placed in operation in 1960, is designed to burn 160 tons of rubbish per day in two furnaces. At 5:30 p.m., the members re-assembled at the El Dorado Restaurant in Woonsocket, Rhode Island for a social hour and dinner.

At the conclusion of the dinner, Chairman Charles A. Parthum introduced David A. Duncan, Vice President, Metcalf & Eddy, Inc., who spoke on the subject, "Woonsocket Water, Sewage and Incineration Facilities". During Mr. Duncan's talk, he introduced the Superintendents of the three facilities and also introduced Mr. Hedley V. Patterson, City Engineer of the City of Woonsocket, who brought the Boston Society of Civil Engineers Sanitary Section greetings from the City.

Thirty-eight members and guests attended the dinner meeting which was adjourned at about 8:30 p.m.

October 2, 1968:—A meeting of the Sanitary Section was held in the Society Rooms and was called to order at about 7:00 p.m. by Chairman Charles A. Parthum.

Reading of the minutes of the previous meeting (the Annual Outing) was waived.

Chairman Partham introduced Mr. David R. Horsefield of Camp, Dresser & McKee, who presented an interesting talk on "The Proposed Deep Tunnel Plan for the Boston Area."

The plan provides for treatment of excess and storm water flows collected in the combined sewer system, by storage in the tunnel system, pumping to existing plants during periods of reduced flows, and eventual discharge to extended ocean outfalls. The talk was followed by a question and answer period.

About forty members attended.

Adjournment was about 8:30 p.m.

Leland F. Carter
Clerk

TRANSPORTATION SECTION

October 30, 1968:—Mr. Freedman opened the meeting at 7:30 P.M. He was followed by Mr. Charles Shaker, who read the minutes of previous meeting. Mr. Rich of our Society announced a combined meeting of the Main Society and the Construction Section which would be held on November 13, 1968.

It was moved and seconded that A. Paul LaRosa be nominated as Clerk of the Transportation Section, replacing Louis Forti who has been transferred. The election was unanimous.

Mr. Freedman then introduced the distinguished speaker of the evening, Commissioner Edward Ribbs of the Massachusetts Department of Public Works. Mr. Ribbs gave an informative and enlightening discussion of the Federal Highway Act of 1968, in particular the new rules for highway project hearings. The discussion was followed by a lively question and answer period.

The meeting adjourned at approximately 8:45 P.M.

A. Paul LaRosa
Clerk

HYDRAULICS SECTION

April 30 1968:—A meeting of the Hydraulics Section of the Boston Society of Civil Engineers was held in the Society Rooms, 47 Winter Street, Boston, Massachusetts. The meeting was called to order by Mr. Athanasios A. Vulgaropoulos, Chairman of the Section. Mr. Vulgaropoulos introduced the new officers and outlined the tentative program for the coming year and advised that definite arrangements would be announced as soon as they were available.

Mr. Vulgaropoulos introduced the speaker of the evening, Professor Law-

rence Neale of Worcester Polytechnic Institute whose talk was entitled "Comparative Model Pump Testing for the Tehachepi Project". The description of the pump testing procedure was illustrated with slides showing facilities at the test sites and graphical results of the actual tests.

Preceding the talk, Prof. Neale presented a narrated film which explained the

scope and magnitude of the entire project, of which the Tehachepi pumps were a part.

Several questions followed the speaker's presentation. The meeting had an attendance of 16 and was adjourned at 8:45 p.m.

Stephen E. Dore, Jr.
Clerk