

OF GENERAL INTEREST

PROCEEDINGS OF THE SOCIETY

MINUTES OF MEETING

Boston Society of Civil Engineers

APRIL 14, 1966:—A joint meeting of the Boston Society of Civil Engineers, with the Structural 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 John M. Biggs, at 7:00 P.M.

President Biggs stated that the minutes of the previous meeting held March 23, 1966, 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 Biggs announced the death of the following members:—

George A. Sampson, Past President, elected a member April 20, 1910, who died March 3, 1966.

John J. Devine, elected a member November 15, 1939, who died March 9, 1966.

Richard W. Johnson, elected a member March 17, 1937, who died March 22, 1966.

Frank A. Cundari, elected a member March 21, 1945, who died in September, 1965.

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

President Biggs stated that this was a joint meeting with the Structural Section and turned the meeting over to Robert L. Fuller, chairman of that Section to conduct any necessary business at this time.

Chairman Fuller introduced the guest speaker of the evening, Edward H. Barker, Sverdrup & Parcel & Assoc., Inc., Washington, D.C., who gave a most interesting illustrated talk on "Technique of Construction of the Chesapeake Bay Bridge-Tunnel Crossing."

A question period followed the talk.

27 members and guests attended the dinner preceding the meeting and 50 members and guests attended the meeting.

Meeting adjourned at 8:30 P.M.

Respectfully submitted,

CHARLES O. BAIRD, JR., *Secretary*

MAY 11, 1966:—A joint meeting of the Boston Society of Civil Engineers, with the Structural Section of BSCE, and the Massachusetts Section of the American Society of Civil Engineers was held this evening in the New Architects Building, 238 Newbury Street, Boston, Mass.

No business was conducted at this meeting. Chairman Robert L. Fuller of the Structural Section called meeting to order at 7:30 P.M., and introduced the guest speaker of the evening, Mr. Omar W. Blodgett, Design Consultant, The Lincoln Electric Company, Cleveland,

Ohio, who gave an interesting illustrated talk on "What the Structural Engineer Should Know about Welding."

A discussion period followed the meeting.

105 members and guests attended the dinner preceding the meeting. 110 members and guests attended the meeting.

The meeting adjourned at 8:35 P.M.

Respectfully submitted,
CHARLES O. BAIRD, JR., *Secretary*

MAY 25, 1966:—A joint meeting of the Boston Society of Civil Engineers with the Construction Section was held this evening in the Society Rooms, 47 Winter Street, Boston, Mass., and was called to order by President John M. Biggs, at 7:00 P.M.

President Biggs stated that the minutes of the previous meeting held May 11, 1966 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 and that the following had been elected to membership this date:—

Grade of member—Robert M. Pope,

James L. Rodgers, Rubin M. Zallen
President Biggs stated that this was a joint meeting with the Construction Section and turned the meeting over to Robert J. Van Epps, chairman of that section to conduct any necessary business at this time.

Chairman Van Epps introduced the guest speaker of the evening, Richard Halloran of the Perini Corporation, who gave a most interesting talk on "A Descriptive System for Estimating for Heavy and Other Construction." Outline of talk was passed out to those attending the meeting.

A question period followed the talk.
Meeting adjourned at 9:45 P.M.

Respectfully submitted,
CHARLES O. BAIRD, JR., *Secretary*

HYDRAULICS SECTION

MAY 4, 1966:—A meeting of the Hydraulics Section of the Boston Society of Civil Engineers was held in the Adams Room of the United Community Services Building, 14 Somerset Street, Boston, Massachusetts. The meeting was called to order by the chairman of the section, Mr. Nicholas Lally, who introduced the new officers of the Hydraulics Section. The chairman also introduced Professor John M. Biggs, President of the Boston Society of Civil Engineers. Professor Biggs greeted the Hydraulics Section briefly.

Mr. Lally then introduced the speaker of the evening, Dr. Ronald T. McLaughlin, Associate Professor of Civil Engineering at the Massachusetts Institute of Technology. Dr. McLaughlin spoke on the "Sensitivity Analysis in the Design of Pipe Networks." The speaker discussed a computerized approach in analyzing the interrelated rates of change of various parameters affecting pipe network design.

The meeting had an attendance of 27 and was adjourned at 9:00 P.M.

Respectfully submitted,
ATHANASIOS A. VULGAROPULOS, *Clerk*

SANITARY SECTION

JUNE 1, 1966:—The annual outing of the Sanitary Section was held today as a joint meeting with the Boston Society of Civil Engineers and included a tour of the Carling Brewing Company, Route 9, Natick, Massachusetts.

Members assembled at the plant at

5:00 P.M., and after sampling the Carling products, were formed into several groups and conducted through the plant. The barley, grain and malt preparation, and the mashing, wort, hopping and boiling, fermentation, aging, carbonation, filtration, pasteurization, and packaging processes were visited. The tours were about 45 minutes in length and were led by capable plant guards.

At 7:00 P.M. the members reassembled at the Beacon Terrace (opposite Shopper's World, Route 9, Framingham) for a dinner meeting.

Chairman Robert L. Meserve introduced Vice-President Harry Kinsel of the Society, who extended greetings from the Society.

Chairman Meserve then introduced Mr. Don Davidson, Quality Control Manager of the Natick plant of Carling Brewery, who gave a most interesting and detailed talk on the beer and ale-making processes.

Major points brought out by the speaker included the following: Well water from Natick is used for the making of beer and ale. Lake Cochituate

water is used for cooling purposes only and is returned to the lake. The brewing process uses malt, corn, corn syrup, hops and other ingredients, including carbon dioxide. Temperature control (both hot and cold) plays an important part in the process. The beer is filtered through diatomaceous filters and is pasteurized after packaging. Strict control over the sanitary aspects of the plant is accomplished by competition among all Carling breweries supervised by an independent agency and also by the Federal Drug Administration and other health agencies. By-products of the process include spent grain (used for cattle feed), yeast and hops. The beer and ale brewers do not rely on "old recipes handed down from generation to generation," but also on improved process methods and advanced technology to stay ahead in the field.

A very lively question and answer period followed Mr. Davidson's talk. Fifty-one members and guests attended the meeting. The meeting was adjourned at 9:40 P.M.

CHARLES A. PARTHUM, *Clerk*