

## RECONSTRUCTIVE CONVALESCENCE

## Necessary to Heal the Wounds of War, Says the American Society of Civil Engineers

AT the annual meeting of the American Society of Civil Engineers, held last week in New York City, the following resolution was adopted:—

"Whereas, the wounds of war from which our country is now suffering cannot be healed except through a period of reconstructive convalescence; and

"Whereas, the only means for hastening and bringing such convalescence to the earliest and most satisfactory conclusion is to be found in the prescription of *work and the opportunity of work for every individual*, and as, in the absence of such opportunity, it is inevitable that daily wages earned will be replaced by the ministrations of charity; now, therefore, be it

"Resolved, that the American Society of Civil Engineers as represented by its members present at its Annual Meeting on this fifteenth day of January, 1919, does pledge its undivided, collective and individual effort and influence toward the end of advocating an immediate beginning and rapid prosecution of all necessary public and private works and undertakings; and be it further

"Resolved, that it is the sense of this meeting that RECONSTRUCTION is synonymous with RESUMPTION; that those considerations as to the cost of work which have heretofore been held as fundamental must now be viewed in the light of present conditions; that due emphasis must be given to the absolute dependence of all classes upon their current employment and that the necessity of providing an abundance of useful occupation rests as a paramount duty upon those who direct every class of effort, whether public, private or governmental."

Copies of this resolution were mailed to all technical societies of the United States and Canada; to the President of the United States; to all members of congress; to all cabinet, departmental, executive and administrative officers of the United States government; to the governors of all the states; to all state engineers; to the mayors of all cities and towns of the United States having a population of over 30,000; to the Federal Reserve Bank at Washington, with the request that it be forwarded to the several districts of the Federal Reserve Bank with the request that each district bank transmit the same to all national banks and other financial institutions which are members of the Federal Reserve system; to the National Bankers' Association, with the request that it be brought to the attention of the members of that association; to the technical and other press; and to chambers of commerce and other civic organizations of two hundred of the largest cities and towns in the United States.

## ANNUAL MEETING, AM.SOC.C.E.

MEMBERS of the American Society of Civil Engineers, from many parts of the United States and Canada, assembled at New York Wednesday and Thursday of last week for the sixty-first annual meeting of the society. A business meeting was called to order at 10 o'clock Wednesday morning, adjourning at 1 p.m. for luncheon, and meeting again at 3 p.m. to hear an address by Brig.-Gen. R. C. Marshall, Jr. At 9 p.m., there was the president's reception, with dancing, at Hotel Biltmore.

The following day was spent in an excursion to the Brooklyn Army Supply Base and to the Newark Bay Shipyard of the Submarine Boat Corporation. At 8 p.m., Thursday, there was an address by Brig.-Gen. S. T. Ansell, followed by an informal smoker.

The business meetings were held in the auditorium of the United Engineering Societies' building. On the excursion, luncheon was served by the Turner Construction Co., who are the general contractors for the Brooklyn Army Supply Base, a brief description of which appears on another page of this issue.

## ANNUAL MEETING, TORONTO BUILDERS' EXCHANGE

OFFICERS for the ensuing year were elected at the annual meeting of the Toronto Builders' Exchange held last Monday afternoon, but practically no other business was transacted, the meeting being adjourned until 3 p.m. next Monday, when the exchange will consider the proposal that it should merge with the newly formed Association of Canadian Building and Construction Industries.

W. E. Dillion, who has been president of the exchange for the past year, was in the chair and was urged to accept the presidency for another year by acclamation, but Mr. Dillion refused to consider it. Walter Davidson, who was first vice-president last year, also refused the presidency, stating that he would be too busy this year to give proper attention to the office. The elections then resulted as follows:—

President, A. D. Grant, of A. D. Grant and Co.; first vice-president, Walter Davidson, of Walter Davidson and Co.; second vice-president, A. H. Dancy, of H. N. Dancy and Son; treasurer, John Aldridge, of Aldridge and Son; secretary, D. J. Davidge.

## PROGRAMME OF MEETINGS, MONTREAL BRANCH ENGINEERING INSTITUTE OF CANADA

DURING the season, January to April, 1919, the Montreal Branch of the Engineering Institute of Canada proposes to hold a meeting at 8.15 o'clock every Thursday evening with the exception of February 13th, which is the date of the annual professional meeting in Ottawa.

Last Thursday evening B. O. Eriksen and S. H. Deubelbeiss read a paper on the "Design and Construction of Reinforced Concrete Viaducts"; and W. F. Chipman, K.C., discussed "Some Problems of National Reconstruction." This evening J. A. Burnett will lecture on "Coaling Plant for Locomotives"; and George K. McDougall, on "Industrial Illumination."

Following is the programme for the remainder of the season:—

Jan. 30th,—Coal Briquetting, by Paul Seurot; Coal is King, a motion picture by the R. E. Cleaton Co.

Feb. 6th,—Some problems in Ocean Transportation, by A. W. Robinson; Manufacture of Nitro-Benzol and Aniline Oils, by G. J. Caron.

Feb. 20th,—Construction of Canadian Northern Railway Tunnel, Montreal, by J. L. Busfield.

Feb. 27th,—The Effect of Ice on Hydro-Electric Plants, by R. M. Wilson.

March 6th,—Air Drills, by N. M. Campbell; The Halifax Explosion from a Chemist's and Physicist's Viewpoint, by Dr. Howard Bronson; Burroughs Adding Machines, a motion picture by the Burroughs Adding Machine Co.

March 13th,—Electrical Welding, by C. V. Holslag; Patents and Engineering, by Hanbury A. Budden.

March 20th,—Ball Bearing Jacks, by W. H. C. Mussen; Peat, by Ernest V. Moore.

March 27,—Some Notes on the Design and Construction of Reinforced Concrete Covered Reservoirs, by R. deL. French.

April 3rd,—The Operation of Railways as an Engineering Problem, by V. I. Smart.

April 10th,—Waterproof Paper Productions and their Industrial Possibilities, by J. A. DeCew.

April 17th, Quebec Bridge, by Phelps Johnson, G. H. Duggan and George F. Porter.

April 24th,—Continuation of Quebec Bridge Lectures.

Walter J. Francis is chairman for the season; Arthur Surveyer, vice-chairman; Frederick B. Brown, secretary-treasurer. The following are the members of the executive committee:—

F. P. Shearwood, H. G. Hunter, O. O. Lefebvre, W. Chase Thomson, J. G. Papineau and K. B. Thornton.

R. M. Hannaford is chairman of the Papers and Meetings Committee. The officials of the Industrial Section are S. F. Rutherford and H. G. Hunter; Electrical Section, J. A. Shaw and A. Frigon; Mechanical Section, J. T. Farmer and J. A. Burnett; Civil Section, J. Duchastel and H. M. Lamb.