
TESTING FORUM

ASTM News

Committee C-1

Louis U. Spellman, executive vice-president of the Atlantic Cement Co., Stamford, Conn., was named a 1981 recipient of the Award of Merit by ASTM. He received the award on 26 June 1981 during ceremonies hosted by ASTM Committee C-1 on Cement in Detroit, Mich. Former ASTM Chairman of the Board Sydney D. Andrews cited Spellman for "distinguished service in advancing the voluntary standardization of test methods and specifications for hydraulic cements with special dedicated and valuable contributions to both ASTM and the cement industry as chairman of ASTM's Subcommittee on Portland Cement."

Spellman was instrumental in attaining federal agency adoption and use of numerous ASTM specifications for portland cement through his participation and leadership in Committee C-1 subcommittees. He has taken an active role in the committee since 1961. A past member of Committee C-9, he is also a member of the ASTM Editorial Board for *Cement, Concrete, and Aggregates*.

Mr. Spellman has taken an active role in promoting the conservation of energy in the cement industry. He has accomplished much toward this goal in the cement industry and on advisory groups to the federal government concerning energy conservation, the use of alternate fuels, and the judicious use of pozzolans and granulated blast furnace slag as methods to reduce energy consumption within the portland cement industry in the United States.

Committee C-9

Frank P. Nichols, Jr., vice-president of engineering with the National Crushed Stone Association, Washington, D.C. was recognized as an Honorary Member of ASTM Committee D-4 on Road and Paving Materials during the committee's 167th meeting held in Detroit, Mich. on 26 June 1981. A member of ASTM since 1966, Nichols served as chairman of Subcommittee D-4 on Aggregate Test Methods from 1969 to 1974. He has been chairman of the aggregate specifications subcommittee since 1974. As chairman of the subcommittee on papers, Nichols guided the Symposium on Graded Aggregate Bases and Base Materials in 1974 to a successful special technical publication. In 1978, he completed his third two-year term as fourth vice-chairman of the main committee.

He is the author of papers on performance of flexible pavements, construction of granular base courses, subgrade stabilizations, skid resistance, and numerous other subjects. Nichols has been published in proceedings of the Highway Research Board, the

National Crushed Stone Association, and the International Conference on Structural Design of Asphalt Pavements.

In addition to his involvement in Committee D-4, he is a member of ASTM Committees C-9 on Concrete and Concrete Aggregates, C-7 on Lime, and C-12 on Mortars for Unit Masonry. He also is a member of the American Concrete Institute and the Transportation Research Board.

THE CONCRETE SOCIETY 1981 AWARD

The Concrete Society Award for projects completed in 1980 has been won by two entries, one each in the Building Structure and Civil Engineering categories. In the Building Structure category the winner is the new Grandstand at Goodwood Racecourse, West Sussex that was designed by the Howard Lobb Partnership, architects and Jan Bobrowski and Partners, consulting engineers; the main contractor was James Longley and Co. Ltd. In the Civil Engineering category the winner is the River Hull Tidal Surge Barrier for which the consulting engineers were Sir. M. MacDonald & Partners, the architects were Shankland Cox Partnership, and the contractors were W. A. Dawson Ltd.

The judges were Professor Michael Horne, President of the Institution of Structural Engineers; Bryan Jefferson, President of the Royal Institute of British Architects; and Peter Burgess, President of the Concrete Society.

In the Building Structure category the Control Tower Building, Aberdeen Airport, was highly commended; the Hillside Court sheltered bungalow development in Lisburn, County Antrim, was commended; and two schemes received a special mention: the Grosvenor Hotel in Glasgow and a domestic extension in Bude, Cornwall.

In the Civil Engineering category the new motorway bridge across the River Thames at Runnymede was highly commended and a precast concrete pylon at the Radiochemical Center near Cardiff received a special mention.

This is the 14 consecutive year in which the competition has been held and it attracted 32 entries, many of which were of a high standard. In selecting the winners and making commendations, the judges were particularly concerned with functional suitability, appearance and harmony with the surroundings, design in relation to the properties in concrete, and ease of construction, workmanship, integration of services, and value for money.

The Award is in the form of a plaque that will be fixed to the winning structures and certificates presented to those who were primarily concerned with the design and construction. The Awards were presented at a dinner held in London on 25 Nov. 1981.

Cement, Concrete, and Aggregates

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ASTM Committee C-1 on Cement

Scope

The development of specifications, methods of test, recommended practices, and definitions of terms for hydraulic-cements, including portland, natural, pozzolanic, masonry and slag cements, and modifications of the foregoing, and combinations during manufacture thereof; the investigation of the properties of hydraulic cements and the promotion of improvement and uniformity of testing and these materials; joint sponsorship, with ASTM Committee C-9 on Concrete and Concrete Aggregates, of the Cement and Concrete Reference Laboratory, a cooperative project of the Government and ASTM.

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ASTM Committee C-9 on Concrete and Concrete Aggregates

Scope

The assembling and study of data pertaining to the properties of portland cement concrete and its constituent materials, including the study of effect of characteristics of materials and mixtures upon the properties of concrete; the development of methods of test for concrete and for the constituent materials of concrete (except cement), as well as for certain related materials, such as materials used in curing; the formulation of standard specifications for the constituent materials of concrete (except cement) and for concrete itself (subject to suitable interpretation of the term "concrete"). The scope of Committee C-9 does not include the field of design and construction of concrete structures except insofar as references need to be made to construction methods in special cases of concrete as "over-the-counter" materials.

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