

# Second Pacific Area Meeting Papers

## SOILS



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# PAPERS ON SOILS

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Presented at the  
SECOND PACIFIC AREA NATIONAL MEETING  
Los Angeles, Calif., September 17, 1956  
AMERICAN SOCIETY FOR TESTING MATERIALS



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## FOREWORD

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A wide range of testing and research projects on soils is covered in the papers included in this publication. These projects vary from field tests of piles in sand to properties of soil-cement mixtures. A total of twelve papers were presented in three sessions during the Second Pacific Area National Meeting held in Los Angeles, Calif., during the week of September 17, 1956. Eleven of these papers, together with discussions, are included in this publication with one paper on Soil Density and Soil Moisture Determination by Radiation Methods by R. K. Bernhard, Rutgers University, not published in this group. An added feature in this publication is the address presented by Prof. K. B. Woods at the Soils Industry Luncheon. This presentation reviews the important techniques used for site selection and for explorations.

The three sessions on soils were sponsored by Committee D-18 on Soils for Engineering Purposes, through a special symposium committee under the chairmanship of F. J. Converse. The presiding officers for the three sessions were R. Horonjeff, University of California; W. S. Housel, University of Michigan; and W. G. Holtz, U. S. Bureau of Reclamation, respectively.

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**NOTE.—The Society is not responsible, as a body, for the statements  
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**THIS PUBLICATION** is one of many issued by the American Society for Testing Materials in connection with its work of promoting knowledge of the properties of materials and developing standard specifications and tests for materials. Much of the data result from the voluntary contributions of many of the country's leading technical authorities from industry, scientific agencies, and government.

Over the years the Society has published many technical symposiums, reports, and special books. These may consist of a series of technical papers, reports by the ASTM technical committees, or compilations of data developed in special Society groups with many organizations cooperating. A list of ASTM publications and information on the work of the Society will be furnished on request.



