

# TRIAxIAL TESTING OF SOILS AND BITUMINOUS MIXTURES

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A Compilation of Papers Presented at the  
FIRST PACIFIC AREA NATIONAL MEETING  
San Francisco, Calif., October 10, 1949

AND

FIFTY-THIRD ANNUAL MEETING  
Atlantic City, N. J., June 28, 1950

OF THE

AMERICAN SOCIETY FOR TESTING MATERIALS



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*Special Technical Publication No. 106*

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Printed in Baltimore Md.  
October, 1951

## FOREWORD

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The papers and discussions in this publication on Triaxial Testing of Soils and Bituminous Mixtures were presented at two national meetings of the American Society for Testing Materials. Three of the papers dealing with bituminous mixtures were presented at a session of the First Pacific Area National Meeting held in San Francisco, Calif., October 10-14, 1949, presided over by H. E. Davis of the University of California. This session on bituminous paving mixtures was developed for the Technical Program Committee of the General Committee on Arrangements.

The remainder of papers, with the exception of one, were presented at the Tenth and Eleventh Sessions of the Fifty-third Annual Meeting of the Society held in Atlantic City, N. J., June 26-30, 1950. These two sessions were sponsored by Committee D-4 on Road and Paving Materials under the direction of a special subcommittee headed by W. G. Holtz. The two sessions were presided over by W. G. Holtz, U. S. Bureau of Reclamation and W. S. Housel, University of Michigan, respectively.

One additional paper with discussion has been made a part of the publication as rounding out the discussion on triaxial testing, namely, a paper by W. S. Housel which was originally presented before the Technical Session of the Association of Asphalt Paving Technologists, February 5-6, 1950 at St. Louis, Mo.

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**NOTE.**—The Society is not responsible, as a body, for **the statements**  
and opinions advanced in this publication.

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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. 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 A.S.T.M. technical committees, or compilations of data developed in special Society groups with many organizations co-operating. A list of A.S.T.M. publications and information on the work of the Society will be furnished on request.