

**Fourth Pacific Area Meeting Papers**

**RAILROAD MATERIALS AND  
FACILITIES RESEARCH**



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AMERICAN SOCIETY FOR TESTING AND MATERIALS  
1916 Race St., Philadelphia 3, Pa.

***ASTM Special Technical Publication No. 354***

# RAILROAD MATERIALS AND FACILITIES RESEARCH

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A Symposium presented at the  
FOURTH PACIFIC AREA NATIONAL MEETING  
AMERICAN SOCIETY FOR TESTING AND MATERIALS  
Los Angeles, Calif., October 5, 1962



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## FOREWORD

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Sponsored by the West Coast Technical Program Committee, the Symposium on Railroad Materials and Facilities Research was held on Friday, October 5, during the Fourth Pacific Area National Meeting of the Society from September 30–October 5, 1962, in Los Angeles, Calif.

The chairman of the symposium, at which five papers were presented, was A. S. Pedrick of the Southern Pacific Co. M. R. Scott of the Standard Oil Company of California was the presiding officer, and the session chairman was G. W. Vreeland, of the Columbia-Geneva Steel Co.

All the papers were written by railroad representatives who discussed the possibilities of improving testing procedures, facilities, maintenance practices, and the applicability of new technological developments to railroads.

The symposium committee consisted of the following members:

A. S. Pedrick, Southern Pacific Co. (*symposium chairman*)

M. R. Scott, Standard Oil Co. of Calif. (*presiding officer*)

G. W. Vreeland, Columbia-Geneva Steel Co. (*session chairman*)

E. Lenzin, Southern Pacific Co.

F. H. Stengele, Southern Pacific Co.

R. McBrian, The Denver and Rio Grande Western Railroad Co.

C. O. Penney, The Denver and Rio Grande Western Railroad Co.

M. A. Pinney, The Pennsylvania Railroad Co.

R. H. Wright, The New York Central Railroad Co.

E. R. Thomas, Southern Pacific Co.

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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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