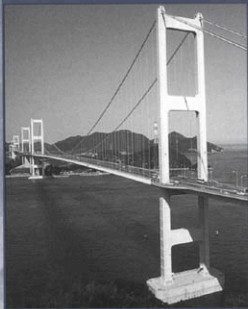




IN THE **Wake of** **Tacoma**

**Suspension Bridges
and the Quest for
Aerodynamic Stability**



**ASCE
PRESS**

RICHARD SCOTT

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In the Wake of Tacoma

Suspension Bridges and the Quest for Aerodynamic Stability

RICHARD SCOTT



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Reston, Virginia 20191-4400

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Abstract: The spectacular 1940 collapse of the Tacoma Narrows Bridge fundamentally changed the course of suspension bridge engineering. *In the Wake of Tacoma* surveys the changes the collapse has imposed on the design of suspension bridges to the present day. It describes design trends before the collapse, the collapse itself, and subsequent investigations to determine its cause. It then examines aerodynamic and other design and construction developments and their application in suspension bridges world-wide in the six decades since the collapse. The book contains 30 photographs and six line drawings, and will appeal to anyone with an interest in bridges and engineering history.

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Manufactured in the United States of America.

Second printing.

To my parents, for their curiosity about the world,
and to Renée.

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