

# REVIEWS OF CURRENT PUBLICATIONS

## **Concrete Ships and Floating Structures Convention**

F. H. Turner (Editor)

Twenty-three papers and discussions are presented by authors from nine countries, including over 220 photos, drawings and graphs. Over half of these relate to recent constructions, ranging from coal terminals in Australia to the Liverpool Landing stage.

Concrete in all its forms continues to win an increasing share of the market for floating structures. The world-wide contributions on research and new construction, theory and practice, hulls and facilities, prestressed concrete and ferrocement, innovation and regulation, contained in this volume form a reliable and valuable guide to the state-of-the-art as at November 1979.

Thomas Reed Publications Ltd., London, 1980, 270 pp., 30.00 British Pounds.

## **Performance of Concrete in Marine Environment**

Contains 33 papers originally presented at a 5-day international conference held in August 1980 at St. Andrews by-the-sea, New Brunswick, Canada. Of particular interest to the prestressing industry are the papers dealing with the durability of post-tensioned beams at Treat Island, Maine, and the recent North Sea structures.

Publication SP-65, American Concrete Institute, Detroit, Michigan, 1980, 627 pp.

## **Industrialization in the Building Industry**

Barry James Sullivan

Defines the full scope of industrialization in the building industry and presents the various segments of the industry in an orderly format according to both building type and technology.

Extensive in coverage, some of its discussions include: the precast concrete indus-

try, the mobile home industry, the metal building industry, modular and panelized housing, the systems approach, the role of the architect, production technology and management strategy. Many of these topics include discussions on successes and failures encountered.

*Van Nostrand Reinhold Company*, New York, 1980, 280 pp., \$26.50.

## **Idea-Packed Segmental Bridge Connects the Florida Keys**

Bill Blaha

Spanning 2.3 miles, Long Key Bridge in Florida takes an innovative approach to the design and construction of precast box girder structures.

*Concrete Products*, V. 83, No. 8, August 1980, pp. 20-26.

## **Bridge Inspection and Structural Analysis (Handbook of Bridge Inspection)**

Sung H. Park

This book provides the most common causes of defects and deterioration along with ratings of different types of highway and railroad bridges. It does not contain suspension bridges and machinery parts of movable bridges which are less common and require more specific information than is included in this book. The purpose of this book is to aid the bridge inspector and inspection report writer in the use of *The Bridge Inspector Training Manual 70* of the U.S. Department of Transportation and the *Manual for Maintenance Inspection of Bridges 1978* by the American Association of State Highway and Transportation Officials (AASHTO) for making proper recommendations and repair programs.

*S. H. Park*, P.O. Box 7474, Trenton, New Jersey 08628, 1980, 312 pp., \$15.00.