Quality in the Constructed Project

A Guide for Owners, Designers, and Constructors

Third Edition





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QUALITY IN THE CONSTRUCTED PROJECT

A GUIDE FOR OWNERS, DESIGNERS, AND CONSTRUCTORS

THIRD EDITION





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Dedicated to James W. Poirot, P.E. 1931–2011

The third edition of this very important ASCE manual is dedicated to James W. Poirot, P.E., President of ASCE in 1994 and principal advocate for the material contained in this manual.

In November 1984, nearly 100 members of the design and construction industry convened for a workshop in Chicago to discuss ways of attaining quality in planning, design, and construction. Those attending agreed on several related points. First, accidents, design flaws, cost overruns, and other similar problems were occurring at a serious rate. The collapse of two suspended walkways in the Kansas City Regency in 1981, killing 114 and injuring 185, was one of the more recent tragic incidents. But not all incidents or problems were as serious or as widely publicized as the Regency. Losses measured in dollars without loss of life were also serious concerns that were addressed.

It was agreed that the American Society of Civil Engineers, the principal sponsor of the Chicago workshop, should develop and publish a comprehensive guide to quality in design and construction (Manual of Professional Practice for Quality in the Constructed Project). James Poirot volunteered to lead the steering committee, which consisted of 40 authors and some 90 reviewers from throughout the industry—a daunting task.

Thanks to Poirot's determination and leadership the task was successful and led to the initial publication of the preliminary edition for trial use and comment in 1988. His work remains as the very substantial foundation for this third edition.

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