SECOND EDITION

Principles of Applied Civil Engineering Design

Ying-Kit Choi, Ph.D., P.E.

ASCE PRESS

Principles of Applied Civil Engineering Design

Other Titles of Interest

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***Construction Site Management and Labor Productivity Improvement: How To Improve the Bottom Line and Shorten the Project Schedule*, by Thomas H. Randolph Jr. and Ralph D. Ellis Jr.** Provides detailed, straightforward management practices to improve construction site activity and reduce losses in labor productivity.

***Geotechnical Baseline Reports for Construction: Suggested Guidelines*, edited by Randal J. Essex** (ASCE Technical Report, 2007). Examines the role of the geotechnical baseline report as a means of allocating and managing risks associated with subsurface construction.

***Managing Gigaprojects: Advice from Those Who've Been There, Done That*, edited by Patricia Galloway, Kris R. Nielsen, and Jack L. Dignum** (ASCE Press, 2013). Assembles a stellar group of financial, legal, and construction professionals who share lessons learned and best practices developed from working on the world's biggest infrastructure construction projects.

***Preparation of Construction Specifications for Civil Projects*, by the Committee on Specifications of the Construction Institute** (ASCE Technical Report, 2013). Provides a ready, convenient resource for the recommended principles and approaches used for specification production in civil-engineered projects.

***Public-Private Partnerships: Case Studies on Infrastructure Development*, by Sidney M. Levy** (ASCE Press, 2011). Demystifies public-private partnerships as an innovative solution to the challenges of designing, financing, building, and operating major infrastructure projects.

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Producing Drawings, Specifications, and Cost Estimates for Heavy Civil Projects

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