



Materials for Civil and Highway Engineers (4th Edition)

By Kenneth N. Derucher, George Korfiatis, Samer Ezeldin

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This book covers the basic concepts of civil and highway engineering materials, including current environmental concerns and construction trends. The authors outline the appropriate laboratory test procedures for quality control and provide a complete list of ASTM standards. Discusses the engineering performance of concrete, cements, asphalts, soil, aggregate, timber, metals, and plastics. Contains coverage of environmental concerns, emphasizing considerations regarding hazardous materials and waste disposal, contaminated soil, and remedial options. Includes a chapter on *Miscellaneous Material* which includes glass, concrete block, brick, and mortar, rounds out the coverage of materials most widely used by civil and highway engineers. For highway engineers, test engineers, material science engineers, and materials inspectors.

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