

Appendix A References

A-1. Required Publications

TM 5-822-7

Standard Practice for Concrete Pavements

ER 415-1-11

Biddability, Constructibility, and Operability

ER 1110-1-261

Quality Assurance of Laboratory Testing Procedures

ER 1110-1-2002

Cement, Pozzolan, and Slag Acceptance Testing

ER 1110-1-8100

Laboratory Investigations and Materials Testing

ER 1110-2-100

Periodic Inspection and Continuing Evaluation of Completed Civil Works Structures

ER 1110-2-402

Concrete Reports

ER 1110-2-1150

Engineering and Design for Civil Works Projects

ER 1110-2-1200

Plans and Specifications

ER 1180-1-6

Construction Quality Management

EM 1110-1-1804

Geotechnical Investigations

EM 1110-2-2002

Evaluation and Repair of Concrete Structures

EM 1110-2-2302

Construction with Large Stone

EP 415-1-261

Quality Assurance Representative's Guide

CW 03101

Formwork for Concrete

CW 03150

Expansion, Contraction, and Construction Joints in Concrete

CW 03301

Cast-in-Place Structural Concrete

CW 03305

Guide Specification for Mass Concrete

CW 03307

Concrete (for Minor Structures)

CW 03362

Preplaced Aggregate Concrete

CW 03425

Precast-Prestressed Concrete

US Army Engineer Waterways Experiment Station 1949

US Army Engineer Waterways Experiment Station. 1949. *Handbook for Concrete and Cement*, with quarterly supplements (all CRD-C designations), Vicksburg, MS. Note: Use latest edition of all designations.

US Army Engineer Waterways Experiment Station 1953

US Army Engineer Waterways Experiment Station. 1953. *Test Data, Concrete Aggregates in Continental United States and Alaska*, with annual supplements, Technical Memorandum No. 6-370, Vicksburg, MS.

American Concrete Institute (Annual)

American Concrete Institute. Annual. *Manual of Concrete Practice*, Five Parts, Detroit, MI, including:

"Cement and Concrete Terminology," ACI 116R

"Standard Specifications for Tolerances for Concrete Construction and Materials," ACI 117

"Guide to Durable Concrete," ACI 201.2R

"Cooling and Insulating Systems for Mass Concrete," ACI 207.4R

"Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete," ACI 211.1

"Chemical Admixtures for Concrete," ACI 212.3R

"Recommended Practice for Evaluation of Strength Test Results of Concrete," ACI 214

"Use of Accelerated Strength Testing," ACI 214.1R

"Guide for Use of Normal Weight Aggregates in Concrete," ACI 221R

EM 1110-2-2000

1 Feb 94

"Control of Cracking in Concrete Structures," ACI 224R

"In-Place Methods for Determination of Strength of Concrete," ACI 228.1R

"Guide for Concrete Floor and Slab Construction," ACI 302.1R

"Guide to Cast-in-Place Architectural Concrete Practice," ACI 303R

"Guide for Measuring, Mixing, Transporting, and Placing Concrete," ACI 304R

"Placing Concrete by Pumping Methods," ACI 304.2R

"Placing Concrete with Belt Conveyors," ACI 304.4R

"Hot Weather Concreting," ACI 305R

"Cold Weather Concreting," ACI 306R

"Standard Practice for Curing Concrete," ACI 308

"Guide for Consolidation of Concrete," ACI 309R

"Building Code Requirements for Reinforced Concrete (ACI 318) and Commentary," ACI 318/318R

"State-of-the-Art Report on High Strength Concrete," ACI 363R

"State-of-the-Art Report on Fiber-Reinforced Concrete," ACI 544.1R

"Measurement of Properties of Fiber-Reinforced Concrete," ACI 544.2R

"Guide for Specifying, Mixing, Placing, and Finishing Steel Fiber-Reinforced Concrete," ACI 544.3R

"Design Considerations for Steel Fiber Reinforced Concrete," ACI 544.4R

American Society for Testing and Materials (Annual)
American Society for Testing and Materials. (Annual). *Annual Book of ASTM Standards*, Philadelphia, PA.

Note: Use the latest available issue of each ASTM Standard.

A-2. Related Publications

ER 415-2-100

Construction Management Policies, Procedures, and Staffing for Civil Works Projects

ER 1110-1-1804

Geotechnical Investigation

ER 1110-1-8101

Reports of Pertinent Activities at Division Laboratories

EM 1110-1-2009

Architectural Concrete

EM 1110-1-2101

Working Stresses for Structural Design

EM 1110-2-2005

Standard Practice for Shotcrete

EM 1110-2-2006

Roller-Compacted Concrete

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