

## APPENDIX A

### REFERENCES

---

#### Government Publications

##### *Department of Defense*

Military Standards, MIL-STD-619	Engineering Soil Classification and Its Application
MIL-STD-621A	Test Method for Pavement Subgrade, Subbase, and Base-Course Materials
Military Specifications MIL-R-3472	Roof-Coating, Asphalt-Base Emulsion

##### *Departments of the Army and the Air Force*

TM 5-809-12/AFM 88-3,	Concrete Floor Slabs on Grade Subjected to Heavy Loads Chap. 15
TM 5-818-1	Procedures for Foundation Design of Buildings and Other Structures (Except Hydraulic Structures)
TM 5-818-7	Foundations in Expansive Soils
TM 5-822-4	Soil Stabilization for Pavements
TM 5-852-3	Arctic and Subarctic Construction-Runway and Road Design
TM 5-820-2/AFM 88-5, Chap. 2	Drainage and Erosion Control, Subsurface Drainage Facilities for Airfield Pavements
TM 5-822-2/AFM 88-7, Chap. 5	General Provisions and Geometric Design for Roads, Streets, Walks, and Open Storage Areas
TM 5-822-7	Standard Practice for Concrete Pavements
TM 5-822-8	Bituminous Pavements Standard Practice
TM 5-825-2	Flexible Pavement Design for Airfields
TM 5-826-2/AFM 88-24, Chap. 2	Flexible Airfield Pavement Evaluation
TM 5-826-6/AFR 93-5	Procedures for US Army and US Air Force Airfield Pavement Condition Surveys
TM 5-830-3	Dust Control for Roads, Airfields, and Adjacent Areas
TM 5-852-6	Arctic and Subarctic Construction, Calculation Methods for Determination of Depths of Freeze and Thaw in Soils

##### *Department of the Army, Waterways Experiment Station, Corps of Engineers, 3909 Halls Ferry Road, Vicksburg, MS 39180-6199*

CRD-C 21	Method of Test for Modulus of Elasticity in Flexure
CRD-C 527	Joint Sealant, Cold Applied, Non-Jet Fuel-Resistant for Rigid and Flexible Pavement
TR S-75-10	Development of a Structural Design Procedure for All-Bituminous Concrete Pavements for Military Roads

#### General Services Administration

Federal Specifications, SS-S-200E	Sealants, Joint, Two-Component, Jet-Blast-Resistant, Cold Applied, for Portland Cement Concrete Pavement
SS-S-1401C	Sealant, Joint, Non-Jet-Fuel-Resistant, Hot-Applied, for Portland Cement and Asphalt Concrete Pavements

**TM 5-822-5/AFM 88-7, Chap. 1**

SS-S-1614A Sealant, Joint, Jet-Fuel-Resistant, Hot-Applied, for Portland Cement and Tar Concrete Pavements

**Nongovernment Publications**

*American Society of Civil Engineers (ASCE)*  
385 East 47th Street, New York, NY 10017

"New Formulas for Stresses in Concrete Pavements for Airfields" *ASCE TRANSACTIONS*, 1948.

*American Society for Testing and Materials (ASTM)*, 1916 Race St., Philadelphia, PA 19103

A 82-79	Cold-Drawn Steel Wire for Concrete Reinforcement
A 184-79	Fabricated Deformed Steel Bar Mats for Concrete Reinforcement
A 185-79	Welded Steel Wire Fabric for Concrete Reinforcement
A 615-82	Deformed and Plain Billet-Steel Bars for Concrete Reinforcement
A 616-82	Rail-Steel Deformed and Plain Bars for Concrete Reinforcement
A 617-82	Axle-Steel Deformed and Plain Bars for Concrete Reinforcement
C 78-84	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
D 560-82	Freezing and Thawing Tests of Compacted Soil-Cement Mixtures
D 1557-78	Moisture-Density Relations of Soils and Soil Aggregate Mixtures Using 10-pound Rammer and 18-inch Drop
D 1633-84	Compressive Strength of Molded Soil-Cement Cylinders
D 2487-85	Classification of Soils for Engineering Purposes
D 2628-81	Preformed Polychloroprene Elastomeric Joint Seals for Concrete Pavements
D 2835-76	Lubricant for Installation of Preformed Compression Seals in Concrete Pavements