



Designation: C1804 – 14^{ε1}

Standard Specification for Spun Cast Prestressed Concrete Bases for Tapered Steel Lighting Poles¹

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^{ε1} NOTE—Editorial changes were made throughout in April 2015.

1. Scope

1.1 This specification covers spun cast prestressed concrete bases used in lighting structures.

1.2 *Units*—The values stated in SI units are to be regarded as standard.

2. Referenced Documents

2.1 *ASTM Standards*:²

A416/A416M Specification for Steel Strand, Uncoated Seven-Wire for Prestressed Concrete

A421/A421M Specification for Uncoated Stress-Relieved Steel Wire for Prestressed Concrete

A496/A496M Specification for Steel Wire, Deformed, for Concrete Reinforcement (Withdrawn 2013)³

A615/A615M Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement

A617/A617M Specification for Axle-Steel Deformed and Plain Bars for Concrete Reinforcement (Withdrawn 1999)³

A641/A641M Specification for Zinc-Coated (Galvanized) Carbon Steel Wire

A722/A722M Specification for Uncoated High-Strength Steel Bars for Prestressing Concrete

A1064/A1064M Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete

B86 Specification for Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings

C31/C31M Practice for Making and Curing Concrete Test Specimens in the Field

C33/C33M Specification for Concrete Aggregates

C39/C39M Test Method for Compressive Strength of Cylindrical Concrete Specimens

C42/C42M Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete

C150/C150M Specification for Portland Cement

C172/C172M Practice for Sampling Freshly Mixed Concrete

C260/C260M Specification for Air-Entraining Admixtures for Concrete

C330/C330M Specification for Lightweight Aggregates for Structural Concrete

C494/C494M Specification for Chemical Admixtures for Concrete

C595/C595M Specification for Blended Hydraulic Cements

C618 Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete

C989/C989M Specification for Slag Cement for Use in Concrete and Mortars

C1157/C1157M Performance Specification for Hydraulic Cement

C1240 Specification for Silica Fume Used in Cementitious Mixtures

F593 Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs

2.2 *AASHTO Standard*:

Specification for Structural Supports for Highway Signs, Luminaries and Traffic Signals (LTS-6)⁴

2.3 *ACI Standard*:⁵

ACI 301 Specifications for Structural Concrete

2.4 *ASCE7 Standard*:⁶

Minimum Design Loads for Buildings and Other Structures

¹ This test method is under the jurisdiction of ASTM Committee C27 on Precast Concrete Products and is the direct responsibility of Subcommittee C27.20 on Architectural and Structural Products.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ The last approved version of this historical standard is referenced on www.astm.org.

⁴ Available from American Association of State Highway and Transportation Officials (AASHTO), 444 N. Capitol St., NW, Suite 249, Washington, DC 20001, <http://www.transportation.org>.

⁵ Available from American Concrete Institute (ACI), P.O. Box 9094, Farmington Hills, MI 48333-9094, <http://www.concrete.org>.

⁶ Available from American Society of Civil Engineers (ASCE), 1801 Alexander Bell Dr., Reston, VA 20191, <http://www.asce.org>.