

ASTM Volume 04.05, May 2026

Table of Contents

C1791-16(2021) Standard Guide for Reduction of Efflorescence Potential in New Unit Pavement Systems

C1814/C1814M-20 Standard Test Method for Measurement of Hydraulic Characteristics of Stormwater Filtration Elements

C1889-21 Standard Practice for Minimum Structural Design Loading for Monolithic or Sectional Precast Concrete Utility, Water, and Wastewater Structures Using AASHTO LRFD Design

C1196-20 Standard Test Method for In Situ Compressive Stress Within Solid Unit Masonry Estimated Using Flatjack Measurements

E514/E514M-20 Standard Test Method for Water Penetration and Leakage Through Masonry

C1586-20 Standard Guide for Quality Assurance of Mortars

C877M-21 Standard Specification for External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections (Metric)

C1195-21 Standard Test Method for Absorption of Architectural Cast Stone

C1731-21 Standard Specification for Concrete Floor Tile

C1790-21 Standard Specification for Fly Ash Facing Brick

C1587/C1587M-21a Standard Practice for Preparation of Field Removed Manufactured Masonry Units and Masonry Specimens for Testing

C890-21 Standard Practice for Minimum Structural Design Loading for Monolithic or Sectional Precast Concrete Water and Wastewater Structures

C822-21 Standard Terminology Relating to Concrete Pipe and Related Products

C901-18 Standard Specification for Prefabricated Masonry Panels

C969M-19 Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines (Metric)

C1214-19 Standard Test Method for Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method

C1618-19 Standard Test Method for Concrete Sanitary Sewer Pipe by Negative (Vacuum) Air Pressure

C1214M-19 Standard Test Method for Concrete Pipe Sewerlines by Negative Air Pressure (Vacuum) Test Method (Metric)

C1618M-19 Standard Test Method for Concrete Sanitary Sewer Pipe by Negative (Vacuum) Air Pressure (Metric)

C858-19 Standard Specification for Underground Precast Concrete Utility Structures

C1717-19 Standard Test Methods for Conducting Strength Tests of Masonry Wall Panels

C857-19 Standard Practice for Minimum Structural Design Loading for Underground Precast Concrete Utility Structures

C1732-19 Standard Practice for Installation of Concrete Floor Tiles

C1131-20 Standard Practice for Least Cost (Life Cycle) Analysis of Concrete Culvert, Storm Sewer, and Sanitary Sewer Systems

C1898-20 Standard Test Methods for Determining the Chemical Resistance of Concrete Products to Acid Attack

C1568-08(2020) Standard Test Method for Wind Resistance of Concrete and Clay Roof Tiles (Mechanical Uplift Resistance Method)

C887-20 Standard Specification for Packaged, Dry, Combined Materials for Surface Bonding Mortar

C1006/C1006M-20a Standard Test Method for Splitting Tensile Strength of Masonry Units

C1824-16(2021) Standard Test Method for Full Scale Bending Test of Spun Prestressed Concrete Bases for Tapered Steel Lighting Poles

C891-20 Standard Practice for Installation of Underground Precast Concrete Utility Structures

C315-07(2021) Standard Specification for Clay Flue Liners and Chimney Pots

C159-06(2021) Standard Specification for Vitrified Clay Filter Blocks

C1283-15(2021) Standard Practice for Installing Clay Flue Lining

C443-21 Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets

C443M-21 Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets (Metric)

C1691-21 Standard Specification for Unreinforced Autoclaved Aerated Concrete (AAC) Masonry Units

C744-21 Standard Specification for Prefaced Concrete and Calcium Silicate Masonry Units

C1781/C1781M-21 Standard Test Method for Surface Infiltration Rate of Permeable Unit Pavement Systems

C1894-22 Standard Guide for Microbially Induced Corrosion of Concrete Products

C1837-22 Standard Specification for Production of Dry Cast Concrete Used for Manufacturing Pipe, Box, and Precast Structures

C425-22 Standard Specification for Compression Joints for Vitrified Clay Pipe and Fittings

C1167-22 Standard Specification for Clay Roof Tiles

C1492-22 Standard Specification for Concrete Roof Tile

C1569-22 Standard Test Method for Wind Resistance of Concrete and Clay Roof Tiles (Wind Tunnel Method)

C1570-22 Standard Test Method for Wind Resistance of Concrete and Clay Roof Tiles (Air Permeability Method)

C1479/C1479M-22 Standard Practice for Installation of Precast Concrete Sewer, Storm Drain, and Culvert Pipe Using Standard Installations

C1776/C1776M-17(2022) Standard Specification for Wet-Cast Precast Modular Retaining Wall Units

C1601-22a Standard Test Method for Field Determination of Water Penetration of Masonry Wall Surfaces

C1715/C1715M-22 Standard Test Method for Evaluation of Water Leakage Performance of Masonry Wall Drainage Systems

C126-22 Standard Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units

C212-22 Standard Specification for Structural Clay Facing Tile

C652-22 Standard Specification for Hollow Brick (Hollow Masonry Units Made From Clay or Shale)

C902-22 Standard Specification for Pedestrian and Light Traffic Paving Brick

C1818-22 Standard Specification for Synthetic Fiber Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe

C479-04(2022) Standard Specification for Vitrified Clay Liner Plates

C700-18(2022) Standard Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated

C301-18(2022) Standard Test Methods for Vitrified Clay Pipe

C478/C478M-22 Standard Specification for Circular Precast Reinforced Concrete Manhole Sections

C76M-22a Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (Metric)

C361-22 Standard Specification for Reinforced Concrete Low-Head Pressure Pipe

C361M-22 Standard Specification for Reinforced Concrete Low-Head Pressure Pipe (Metric)

C507M-22 Standard Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe (Metric)

C985-22 Standard Specification for Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe

C985M-22 Standard Specification for Nonreinforced Concrete Specified Strength Culvert, Storm Drain, and Sewer Pipe (Metric)

C507-22 Standard Specification for Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe

C506-22a Standard Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe

C506M-22a Standard Specification for Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe (Metric)

C1904-22 Standard Test Methods for Determination of the Effects of Biogenic Acidification on Concrete Antimicrobial Additives and/or Concrete Products

C1675-22 Standard Practice for Installation of Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers

C1103-22 Standard Practice for Joint Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines

C1208/C1208M-18(2022) Standard Specification for Vitrified Clay Pipe and Joints for Use in Microtunneling, Sliplining, Pipe Bursting, and Tunnels

C56-22 Standard Specification for Structural Clay Nonloadbearing Tile

C1197-22 Standard Test Method for In Situ Measurement of Masonry Deformability Properties Using the Flatjack Method

C1261-22 Standard Specification for Firebox Brick for Residential Fireplaces

C1272-22a Standard Specification for Heavy Vehicular Paving Brick

C1403-22a Standard Test Method for Rate of Water Absorption of Masonry Mortars

C1531-22 Standard Test Methods for In Situ Measurement of Masonry Mortar Joint Shear Strength Index

C1072-22 Standard Test Methods for Measurement of Masonry Flexural Bond Strength

C1532/C1532M-22 Standard Practice for Selection, Removal, and Shipment of Manufactured Masonry Units and Masonry Specimens from Existing Construction

E518/E518M-22 Standard Test Methods for Flexural Bond Strength of Masonry

E519/E519M-22 Standard Test Method for Diagonal Tension (Shear) in Masonry Assemblages

C1892/C1892M-22 Standard Test Methods for Strength of Anchors in Masonry

E3332-23 Standard Test Method for Determining Trash and/or Debris Capture Performance of Stormwater Control Measures

C828-23 Standard Test Method for Low-Pressure Air Test of Vitrified Clay Pipe Lines

C1932-23 Standard Specification for Manufacture of Reinforced Precast Concrete End Sections for Pipe

C476-23 Standard Specification for Grout for Masonry

C1405-23 Standard Specification for Glazed Brick (Single Fired, Brick Units)

C530-23 Standard Specification for Structural Clay Nonloadbearing Screen Tile

C947-03(2023) Standard Test Method for Flexural Properties of Thin-Section Glass-Fiber-Reinforced Concrete (Using Simple Beam With Third-Point Loading)

C948-81(2023) Standard Test Method for Dry and Wet Bulk Density, Water Absorption, and Apparent Porosity of Thin Sections of Glass-Fiber Reinforced Concrete

C1228-96(2023) Standard Practice for Preparing Coupons for Flexural and Washout Tests on Glass Fiber Reinforced Concrete

C1229-94(2023) Standard Test Method for Determination of Glass Fiber Content in Glass Fiber Reinforced Concrete (GFRC) (Wash-Out Test)

C1230-96(2023) Standard Test Method for Performing Tension Tests on Glass-Fiber Reinforced Concrete (GFRC) Bonding Pads

C1560-03(2023) Standard Test Method for Hot Water Accelerated Aging of Glass-Fiber Reinforced Cement-Based Composites

C1666/C1666M-08(2023) Standard Specification for Alkali Resistant (AR) Glass Fiber for GFRC and Fiber-Reinforced Concrete and Cement

C1704/C1704M-09a(2023) Standard Test Method for Sampling and Testing Structural Cementitious Panels

C1705/C1705M-09(2023) Standard Specification for Structural Cementitious Panels

C946-23 Standard Practice for Construction of Dry-Stacked, Surface-Bonded Walls

C32-23 Standard Specification for Sewer and Manhole Brick (Made From Clay or Shale)

C34-23 Standard Specification for Structural Clay Loadbearing Wall Tile

C410-23 Standard Specification for Industrial Floor Brick

C426-23 Standard Test Method for Linear Drying Shrinkage of Concrete Masonry Units

C1093-23 Standard Practice for Accreditation of Testing Agencies for Masonry

C980-23 Standard Specification for Industrial Chimney Lining Brick

C62-23 Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)

C73-23 Standard Specification for Calcium Silicate Brick (Sand-Lime Brick)

C279-23 Standard Specification for Chemical-Resistant Masonry Units

C4-04(2023) Standard Specification for Clay Drain Tile and Perforated Clay Drain Tile

C1186-22e1 Standard Specification for Flat Fiber-Cement Sheets

C1450/C1450M-04(2019)e1 Standard Specification for Non-Asbestos Fiber-Cement Storm Drain Pipe

C1447/C1447M-04(2019)e1 Standard Specification for Non-Asbestos Fiber-Cement Underdrain Pipe

C1448/C1448M-05(2019)e1 Standard Specification for Non-Asbestos Fiber-Cement Conduit

C1449/C1449M-05a(2019)e1 Standard Specification for Non-Asbestos Fiber-Cement Nonpressure Sewer Pipe

C1885-23 Standard Specification for Circular Precast Concrete Culvert, Storm Drain, and Sewer Pipe for Pipe Jacking

C1920-23 Standard Practice for Cleaning of Vitrified Clay Sanitary Sewer Pipelines

C1619-23 Standard Specification for Elastomeric Seals for Joining Concrete Structures

C913-23 Standard Specification for Precast Concrete Water and Wastewater Structures

C1400-23 Standard Guide for Reduction of Efflorescence Potential in New Masonry Walls

C1185-23 Standard Test Methods for Sampling and Testing Fiber-Cement Flat Sheet, Roofing and Siding Shingles, and Clapboards

C1225-23 Standard Specification for Fiber-Cement Roofing Shingles, Shakes, and Slates

C1288-23 Standard Specification for Fiber-Cement Interior Substrate Sheets

C1459-23 Standard Specification for Performance of Non-Asbestos Fiber-Reinforced Cement Shake, Shingle, and Slate Roofing Systems

C1530/C1530M-23 Standard Specification for Fiber-Cement Roofing Shakes, Shingles, and Slates with Designed Varying Profiles and Thicknesses

C1623-23 Standard Specification for Manufactured Concrete Masonry Lintels

C1319-23a Standard Specification for Concrete Grid Paving Units

C1384-23 Standard Specification for Admixtures for Masonry Mortars

C1552/C1552M-23a Standard Practice for Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing

C1628-19(2024) Standard Specification for Joints for Concrete Gravity Flow Sewer Pipe, Using Rubber Gaskets

C1941-24 Standard Specification for Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers for Jacking

C1903-24 Standard Specification for Precast Concrete Duct Bank

C118/C118M-24 Standard Specification for Concrete Pipe for Irrigation or Drainage

E3373-24 Standard Test Method for Scour of Hydrodynamic Separators and Settling Devices

C404-24 Standard Specification for Aggregates for Masonry Grout

C1924-24 Standard Practice for Design of Buried Precast Concrete Low-Head Pressure Pipe

C1893-24 Standard Practice for Laboratory Performance Verification of Hydrodynamic Separators for the Treatment of Stormwater Runoff

C896-24 Standard Terminology Relating to Clay Products

C1846/C1846M-19(2024) Standard Specification for Performance Based Manufacture of Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe

C1262/C1262M-24 Standard Test Method for Evaluating the Freeze-Thaw Durability of Dry-Cast Segmental Retaining Wall Units and Related Concrete Units

C1613-24a Standard Specification for Precast Concrete Gravity Grease Interceptor Tanks

C1719-24 Standard Test Method for Installed Precast Concrete Tanks and Accessories by the Negative Air Pressure (Vacuum) Test Prior to Backfill

C936/C936M-24 Standard Specification for Solid Concrete Interlocking Paving Units

C1716/C1716M-24 Standard Specification for Compression Testing Machine Requirements for Concrete Masonry Units, Related Units, and Prisms

C1746/C1746M-24 Standard Test Method for Measurement of Suspended Sediment Removal Efficiency of Hydrodynamic Stormwater Separators and Underground Settling Devices

C1037-16(2024) Standard Practice for Inspection of Underground Precast Concrete Utility Structures

C1930-24 Standard Test Method for Determination of Slurry Flow Rate of Fresh Glass Fiber Reinforced Concrete

C12-24 Standard Practice for Installing Vitrified Clay Pipe Lines

C969-24 Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Precast Concrete Pipe Sewer Lines and Manholes

C1786-19(2024)e1 Standard Specification for Segmental Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers Designed According to AASHTO LRFD

C1840/C1840M-24a Standard Practice for Inspection and Acceptance of Installed Reinforced Concrete Culvert, Storm Drain, and Storm Sewer Pipe

E3318-24a Standard Terminology for Standards Relating to Stormwater Control Measures

C1644/C1644M-24 Standard Specification for Resilient Connectors Between Reinforced Concrete On-Site Wastewater Tanks and Pipes

C1645-22ae1 Standard Test Method for Freeze-thaw and De-icing Salt Durability of Solid Concrete Interlocking Paving Units

C395-24 Standard Specification for Chemical-Resistant Resin Mortars

C216-24 Standard Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)

C1660-24 Standard Specification for Thin-bed Mortar for Autoclaved Aerated Concrete (AAC) Masonry

C1802/C1802M-24 Standard Specification for Design, Testing, Manufacture, Selection, and Installation of Horizontal Fabricated Metal Access Hatches for Utility, Water, and Wastewater Structures

C1944/C1944M-24a Standard Specification for Pedestal-Set Concrete Paving Slabs

C14-20(2025) Standard Specification for Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe

C14M-20(2025) Standard Specification for Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe (Metric)

C90-24a Standard Specification for Dry-Cast Loadbearing Concrete Masonry Units

C1314-24 Standard Test Method for Compressive Strength of Masonry Prisms

C412-19(2025) Standard Specification for Concrete Drain Tile

C1372-24 Standard Specification for Dry-Cast Segmental Retaining Wall Units

C412M-19(2025) Standard Specification for Concrete Drain Tile (Metric)

C505-19(2025) Standard Specification for Nonreinforced Concrete Irrigation Pipe with Rubber Gasket Joints

C505M-19(2025) Standard Specification for Nonreinforced Concrete Irrigation Pipe With Rubber Gasket Joints (Metric)

C654-19(2025) Standard Specification for Porous Concrete Pipe

C654M-19(2025) Standard Specification for Porous Concrete Pipe (Metric)

C1935-24 Standard Practice for Installation Methods for Adhered Veneer Systems Using Thin Brick Units Made from Clay or Shale

C1088-24 Standard Specification for Thin Veneer Brick Units Made From Clay or Shale

C1194-25 Standard Test Method for Compressive Strength of Architectural Cast Stone

C1670/C1670M-24a Standard Specification for Adhered Manufactured Stone Masonry Veneer Units

C1713-24a Standard Specification for Mortars for the Repair of Historic Masonry

E3400-24 Standard Practice for Collecting Storm Based Paired Influent and Effluent Flow Weighted Composite Water Samples using Automated Samplers

C1765-25 Standard Specification for Steel Fiber Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe

C915-25 Standard Specification for Precast Reinforced Concrete Crib Wall Members

C923/C923M-20(2025) Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals

C1244/C1244M-20(2025) Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test Prior to Backfill

C1478/C1478M-20(2025) Standard Specification for Storm Drain Resilient Connectors Between Reinforced Concrete Storm Sewer Structures, Pipes, and Laterals

C825-25 Standard Specification for Precast Concrete Barriers

C497/C497M-25 Standard Test Methods for Concrete Pipe, Concrete Box Sections, Manhole Sections, or Tile

C1896-25 Standard Specification for Joints for Concrete Arch Pipe Using Profile Rubber Gaskets

C1677-25 Standard Specification for Joints for Concrete Box, Using Rubber Gaskets

C1946-25 Standard Test Method for Determination of Glass-Fiber Roving Chopping Rate for Glass Fiber Reinforced Concrete

C1227-25 Standard Specification for Precast Concrete Septic Tanks

C1804-20(2025) Standard Specification for Spun Cast Prestressed Concrete Bases for Tapered Steel Lighting Poles

C1825-19(2025) Standard Guide for Developing Specifications for Masonry Units

C935-19(2025) Standard Specification for General Requirements for Prestressed Concrete Poles Statically Cast

C1089-19(2025) Standard Specification for Spun Cast Prestressed Concrete Poles

C144-25 Standard Specification for Aggregate for Masonry Mortar

C1324-25 Standard Test Method for Examination and Analysis of Hardened Masonry Mortar

C55-25 Standard Specification for Dry-Cast Concrete Building Brick

C129-25 Standard Specification for Dry-Cast Nonloadbearing Concrete Masonry Units

C139-25 Standard Specification for Dry-Cast Concrete Masonry Units for Construction of Catch Basins and Manholes

C270-25a Standard Specification for Mortar for Unit Masonry

C1154-25 Standard Terminology for Fiber-Reinforced Cement Products

C140/C140M-25 Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units

C780-25a Standard Test Methods for Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry

C1232-25 Standard Terminology for Masonry

C1634-25 Standard Specification for Dry-Cast Concrete Facing Brick and Other Concrete Masonry Facing Units

C1714/C1714M-25 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry

C1780-25a Standard Practice for Installation Methods for Cement-based Adhered Masonry Veneer

C1782/C1782M-25 Standard Specification for Segmental Concrete Paving Slabs

C1019-25 Standard Test Method for Sampling and Testing Grout for Masonry

C1884-25 Standard Specification for Dry-Cast Manufactured Concrete Ballast Units

E3317-25 Standard Specification for Silica-Based Sediments for the Evaluation of Stormwater Treatment Devices

C67/C67M-25 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

C1745/C1745M-25 Standard Test Method for Measurement of Hydraulic Characteristics of Hydrodynamic Stormwater Separators and Underground Settling Devices

C1877-25 Standard Specification for Dry-Cast Adhered Concrete Masonry Units

C76-25 Standard Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe

C655-19a(2025) Standard Specification for Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe

C655M-19a(2025) Standard Specification for Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe (Metric)

C990/C990M-25 Standard Specification for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants

C1504/C1504M-25 Standard Specification for Manufacture of Precast Reinforced Concrete Three-Sided Structures for Culverts and Storm Drains

C1821/C1821M-25 Standard Practice for Installation of Underground Circular Precast Concrete Manhole Structures

C1364-25 Standard Specification for Architectural Cast Stone

C1433M-25 Standard Specification for Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers (Metric)

C1433-25 Standard Specification for Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers

C1577-25 Standard Specification for Precast Reinforced Concrete Monolithic Box Sections for Culverts, Storm Drains, and Sewers Designed According to AASHTO LRFD

C1325-25 Standard Specification for Fiber-Mat Reinforced Cementitious Backer Units

C877-25 Standard Specification for External Sealing Bands for Concrete Pipe, Manholes, and Precast Box Sections

C1692-18(2025) Standard Practice for Construction and Testing of Autoclaved Aerated Concrete (AAC) Masonry

C1686-09(2025) Standard Practice for Installation and Testing of Reinforced Autoclaved Aerated Concrete (AAC) Units

C1417M-19(2026) Standard Specification for Manufacture of Reinforced Concrete Sewer, Storm Drain, and Culvert Pipe for Direct Design (Metric)

C1694-09(2025) Standard Specification for Reinforced Autoclaved Aerated Concrete (AAC) Elements

C1693-11(2025) Standard Specification for Autoclaved Aerated Concrete (AAC)

C444/C444M-21(2026) Standard Specification for Perforated Concrete Pipe

C1417-19(2026) Standard Specification for Manufacture of Reinforced Concrete Sewer, Storm Drain, and Culvert Pipe for Direct Design