

APPENDIX 1: Current Jointly-Owned Standards

AASHTO Number	ASTM Number	Title
M 30-02 (2006)	A 741-98	Zinc-Coated Steel Wire Rope and Fittings for Highway Guardrail
M 31M/M 31-10	A 615/A 615M-09	Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
M 32M/M 32-09	A 82/A 82M-07	Steel Wire, Plain, for Concrete Reinforcement
M 33-99 (2007)	D 994-98 (2003)	Preformed Expansion Joint Filler for Concrete (Bituminous Type)
M 36-03 (2007)	A 760/A 760M-01a	Corrugated Steel Pipe, Metallic-Coated, for Sewers and Drains
M 43-05 (2009)	D 448-08	Sizes of Aggregate for Road and Bridge Construction
M 45-06	C 144-04	Aggregate for Masonry Mortar
M 54M/M 54-07	A 184/A 184M-06	Welded Deformed Steel Bar Mats for Concrete Reinforcement
M 55M/M 55-09	A 185/A 185M-07	Steel Welded Wire Reinforcement, Plain, for Concrete
M 85-09	C 150-09	Portland Cement
M 86M/M 86-09	C 14M-07 & C 14-07	Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe
M 102M/M 102-06	A 668/A 668M-04	Steel Forgings, Carbon and Alloy, for General Industrial Use
M 103M/M 103-06	A 27/A 27M-05	Steel Castings, Carbon, for General Application
M 111M/M 111-09	A 123/A 123M-08	Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
M 152M/M 152-06	C 230/C 230M-03	Flow Table for Use in Tests of Hydraulic Cement
M 153-06	D 1752-04a	Preformed Sponge Rubber and Cork Expansion Joint Fillers for Concrete Paving and Structural Construction
M 163M/M 163-07	A 743/A 743M-06	Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application
M 167M/M 167-09	A 761/A 761M-04	Corrugated Steel Structural Plate, Zinc-Coated, for Field-Bolted Pipe, Pipe-Arches, and Arches
M 169-09	A 108-07	Steel Bars, Carbon and Alloy, Cold-Finished
M 170-10	C 76-08a	Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe
M 170M-10	C 76M-08a	Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe [Metric]
M 175M/M 175-05 (2009)	C 444M-03 & C444-03	Perforated Concrete Pipe
M 176M/M 176-07	C 654M-05a & C 654-05a	Porous Concrete Pipe
M 178M/M 178-07	C 412M-05a & C 412-05a	Concrete Drain Tile
M 195-06	C 330-04	Lightweight Aggregates for Structural Concrete
M 196-92 (2008)	B 745/B 745M-95	Corrugated Aluminum Pipe for Sewers and Drains
M 197-06	B 744/B 744M-05	Aluminum Alloy Sheet for Corrugated Aluminum Pipe
M 199M/M 199-10	C 478M-09 & C 478-09	Precast Reinforced Concrete Manhole Sections

AASHTO Number	ASTM Number	Title
M 201-08	C 511-06	Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes
M 202M/M 202-08	A 328/A 328M-07	Steel Sheet Piling
M 203M/M 203-07	A 416/A 416M-06	Steel Strand, Uncoated Seven-Wire for Concrete Reinforcement
M 204M/M 204-06	A 421/A 421M-05	Uncoated Stress-Relieved Steel Wire for Prestressed Concrete
M 206M/M 206-10	C 506M-09 & C 506-09	Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe
M 207M/M 207-10	C 507M-09 & C 507-09	Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe
M 208-01 (2009)	D 2397-02	Cationic Emulsified Asphalt
M 210-10	C 490-08	Use of Apparatus for the Determination of Length Change of Hardened Cement Paste, Mortar, and Concrete
M 213-01 (2010)	D 1751-04 (2008)	Preformed Expansion Joint Fillers for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)
M 216-05 (2009)	C 977-03	Lime for Soil Stabilization
M 219-92 (2008)	B 746/B 746M-92	Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches
M 221M/M 221-09	A 497/A 497M-07	Steel Welded Wire Reinforcement, Deformed, for Concrete
M 225M/M 225-09	A 496/A 496M-07	Steel Wire, Deformed, for Concrete Reinforcement
M 227M/M 227-97 (2005)	A 663/A 663M-89 (2000)	Steel Bars, Carbon, Merchant Quality, Mechanical Properties
M 232M/M 232-10	A 153/A 153M-09	Zinc Coating (Hot-Dip) on Iron and Steel Hardware
M 235M/M 235-03 (2007)	C 881-99	Epoxy Resin Adhesives
M 240-10	C 595-09	Blended Hydraulic Cement
M 242M/M 242-08	C 655M-07 & C 655-07	Reinforced Concrete D-Load Culvert, Storm Drain, and Sewer Pipe
M 245-00 (2008)	A 762/A 762M-98	Corrugated Steel Pipe, Polymer-Precoated, for Sewers and Drains
M 246-05	A 742/A 742M-03	Steel Sheet, Metallic-Coated and Polymer-Precoated, for Corrugated Steel Pipe
M 255M/M 255-05 (2008)	A 675/A 675M-03 ^{e1}	Steel Bars, Carbon, Hot-Wrought, Special Quality, Mechanical Properties
M 259-98 (2006)	C 789-95a	Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers
M 259M-00 (2008)	C 789M-98	Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers [Metric]
M 261-96 (2009)	E 501-08	Rib-Tread Standard Tire for Special-Purpose Pavement Frictional-Property Tests
M 262-10	C 822-08b	Concrete Pipe and Related Products
M 270M/M 270-10	A 709/A 709M-09a	Structural Steel for Bridges

AASHTO Number	ASTM Number	Title
M 273-00 (2008)	C 850-95a	Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers with Less Than 2 ft of Cover Subjected to Highway Loadings
M 273M-00 (2008)	C 850M-98	Precast Reinforced Concrete Box Sections for Culverts, Storm Drains, and Sewers with Less Than 0.6 m of Cover Subjected to Highway Loadings [Metric]
M 275M/M 275-08	A 722/A 722M-07	Uncoated High-Strength Steel Bars for Prestressing Concrete
M 279-09	A 116-05	Metallic-Coated, Steel Woven Wire Fence Fabric
M 280-09	A 121-07	Metallic-Coated (Carbon) Steel Barbed Wire
M 281-96 (2008)	A 702-89 (1994) ^{e1}	Steel Fence Posts and Assemblies, Hot-Wrought
M 285M/M 285-07	A 744/A 744M-06	Castings, Iron-Chromium-Nickel, Corrosion Resistant, for Severe Service
M 286-96 (2009)	E 524-08	Smooth-Tread Standard Tire for Special-Purpose Pavement Frictional-Property Tests
M 292M/M 292-10	A 194/A 194M-09	Carbon and Alloy Steel Nuts for Bolts for High-Pressure or High-Temperature Service, or Both
M 295-07	C 618-05	Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete
M 302-06	C 989-05	Ground Granulated Blast-Furnace Slag for Use in Concrete and Mortars
M 307-07	C 1240-05	Silica Fume Used in Cementitious Mixtures
M 322M/M 322-10	A 996/A 996M-09	Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement
M 327-09	C 465-99 (2005)	Processing Additions for Use in the Manufacture of Hydraulic Cements
R 13-03 (2007)	D 420-98 (2003)	Conducting Geotechnical Subsurface Investigations
R 39-07	C 192/C 192M-06	Making and Curing Concrete Test Specimens in the Laboratory
T 11-05 (2009)	C 117-04	Materials Finer Than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing
T 19M/T 19-09	C 29/C 29M-07	"Bulk Density ("Unit Weight") and Voids in Aggregate"
T 21-05 (2009)	C 40-04	Organic Impurities in Fine Aggregates for Concrete
T 22-10	C 39/C 39M-05	Compressive Strength of Cylindrical Concrete Specimens
T 23-08	C 31-06	Making and Curing Concrete Test Specimens in the Field
T 24M/T 24-07	C 42/C 42M-04	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
T 27-06	C 136-05	Sieve Analysis of Fine and Coarse Aggregates
T 37-07	D 546-05	Sieve Analysis of Mineral Filler for Hot Mix Asphalt (HMA)
T 44-03 (2007)	D 2042-01	Solubility of Bituminous Materials
T 65M/T 65-08	A 90/A 90M-07	Mass [Weight] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings

AASHTO Number	ASTM Number	Title
T 71-08	C 87-04	Effect of Organic Impurities in Fine Aggregate on Strength of Mortar
T 84-10	C 128-07a	Specific Gravity and Absorption of Fine Aggregate
T 85-10	C 127-04	Specific Gravity and Absorption of Coarse Aggregate
T 97-10	C 78-08	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
T 98-99 (2008)	C 115-96a	Fineness of Portland Cement by the Turbidimeter
T 100-06	D 854-00	Specific Gravity of Soils
T 105-09	C 114-07	Chemical Analysis of Hydraulic Cement
T 106M/T 106-09	C 109/C 109M-07	Compressive Strength of Hydraulic Cement Mortar (Using 50-mm or 2-in. Cube Specimens)
T 107-07	C 151-05	Autoclave Expansion of Hydraulic Cement
T 110-03 (2007)	D 1461-85 (2006)	Moisture or Volatile Distillates in Hot Mix Asphalt (HMA)
T 112-00 (2008)	C 142-97	Clay Lumps and Friable Particles in Aggregate
T 113-06	C 123-03	Lightweight Pieces in Aggregate
T 119M/T 119-10	C 143/C 143M-08	Slump of Hydraulic Cement Concrete
T 121M/T 121-09	C 138/C 138M-08	Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
T 127-04 (2008)	C 183-02	Sampling and Amount of Testing of Hydraulic Cement
T 129-06	C 187-04	Normal Consistency of Hydraulic Cement
T 131-10	C 191-08	Time of Setting of Hydraulic Cement by Vicat Needle
T 133-98 (2006)	C 188-95e	Density of Hydraulic Cement
T 137-04 (2008)	C 185-02	Air Content of Hydraulic Cement Mortar
T 141-05 (2009)	C 172-04	Sampling Freshly Mixed Concrete
T 148-07	C 174/C 174M-06	Measuring Length of Drilled Concrete Cores
T 152-10	C 231-08c	Air Content of Freshly Mixed Concrete by the Pressure Method
T 153-09	C 204-07	Fineness of Hydraulic Cement by Air Permeability Apparatus
T 154-10	C 266-08	Time of Setting of Hydraulic Cement Paste by Gillmore Needles
T 155-08	C 156-05	Water Retention by Liquid Membrane-Forming Curing Compounds for Concrete
T 157-06	C 233-04	Air-Entraining Admixtures for Concrete
T 158-09	C 232-07	Bleeding of Concrete
T 160-09	C 157/C 157M-06	Length Change of Hardened Hydraulic Cement Mortar and Concrete
T 161-08	C 666/C 666M-03	Resistance of Concrete to Rapid Freezing and Thawing
T 162-09	C 305-06	Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency
T 164-10	D 2172-05	Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)

AASHTO Number	ASTM Number	Title
T 170-00 (2009)	D 1856-95a (2003)	Recovery of Asphalt Binder from Solution by Abson Method
T 177-10	C 293-08	Flexural Strength of Concrete (Using Simple Beam with Center-Point Loading)
T 178-10	C 1084-02	Portland-Cement Content of Hardened Hydraulic-Cement Concrete
T 179-05 (2009)	D 1754-97 (2002)	Effect of Heat and Air on Asphalt Materials (Thin-Film Oven Test)
T 185-09	C 359-08	Early Stiffening of Hydraulic Cement (Mortar Method)
T 186-09	C 451-08	Early Stiffening of Hydraulic Cement (Paste Method)
T 190-09	D 2844-07	Resistance R-Value and Expansion Pressure of Compacted Soils
T 192-99 (2007)	C 430-96	Fineness of Hydraulic Cement by the 45- μ m (No. 325) Sieve
T 195-67 (2007)	D 2489-02	Determining Degree of Particle Coating of Asphalt Mixtures
T 196M/T 196-09	C 173/C 173M-08	Air Content of Freshly Mixed Concrete by the Volumetric Method
T 197M/T 197-08	C 403/C 403M-06	Time of Setting of Concrete Mixtures by Penetration Resistance
T 198-09	C 496/C 496M-04	Splitting Tensile Strength of Cylindrical Concrete Specimens
T 206-09	D 1586-99	Penetration Test and Split-Barrel Sampling of Soils
T 207-03 (2007)	D 1587-00	Thin-Walled Tube Sampling of Soils
T 208-10	D 2166-00	Unconfined Compressive Strength of Cohesive Soil
T 210-10	D 3744-03	Aggregate Durability Index
T 213M/T 213-08	A 428/A 428M-06	Mass [Weight] of Coating on Aluminum-Coated Iron or Steel Articles
T 216-07	D 2435-04	One-Dimensional Consolidation Properties of Soils
T 221-90 (2008)	D 1195-93 (2004)	Repetitive Static Plate Load Tests of Soils and Flexible Pavement Components for Use in Evaluation and Design of Airport and Highway Pavements
T 226-90 (2008)	D 2664-86	Triaxial Compressive Strength of Undrained Rock Core Specimens without Pore Pressure Measurements
T 231-05 (2009)	C 617-98 (2003)	Capping Cylindrical Concrete Specimens
T 236-08	D 3080-72 (2003)	Direct Shear Test of Soils under Consolidated Drained Conditions
T 240-09	D 2872-04	Effect of Heat and Air on a Moving Film of Asphalt Binder (Rolling Thin-Film Oven Test)
T 242-96 (2009)	E 274-97	Frictional Properties of Paved Surfaces Using a Full-Scale Tire
T 243M/T 243-08	A 673/A 673M-07	Sampling Procedure for Impact Testing of Structural Steel
T 244-10	A 370-09a	Mechanical Testing of Steel Products

AASHTO Number	ASTM Number	Title
T 246-10	D 1560-09	Resistance to Deformation and Cohesion of Hot Mix Asphalt (HMA) by Means of Hveem Apparatus
T 247-10	D 1561-92	Preparation of Test Specimens of Hot Mix Asphalt (HMA) by Means of California Kneading Compactor
T 248-02 (2006)	C 702-98 (2003)	Reducing Samples of Aggregate to Testing Size
T 255-00 (2008)	C 566-97 (2004)	Total Evaporable Moisture Content of Aggregate by Drying
T 269-97 (2007)	D 3203-05	Percent Air Voids in Compacted Dense and Open Asphalt Mixtures
T 276-10	C 918-02	Measuring Early-Age Compression Strength and Projecting Later-Age Strength
T 277-07	C 1202-05	Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration
T 278-90 (2007)	E 303-93 (2003)	Surface Frictional Properties Using the British Pendulum Tester
T 279-96 (2006)	D 3319-90	Accelerated Polishing of Aggregates Using the British Wheel
T 280-06	C 497-05	Concrete Pipe, Manhole Sections, or Tile
T 281-06	C 301-04	Vitrified Clay Pipe
T 282-01 (2006)	E 556-95 (2000)	Calibrating a Wheel Force or Torque Transducer Using a Calibration Platform (User Level)
T 295-08	D 3142-05	Specific Gravity or API Gravity of Liquid Asphalts by Hydrometer Method
T 327-09	D 6928-03	Resistance of Coarse Aggregate to Degradation by Abrasion in the Micro-Deval Apparatus
T 331-10	D 6752-03e1	Bulk Specific Gravity and Density of Compacted Hot Mix Asphalt (HMA) Using Automatic Vacuum Sealing Method
TP 71-09	D 7115-05	Evaluation of Superpave Gyrotory Compactor (SGC) Internal Angle of Gyration Using Simulated Loading