

Summary of Quarterly Changes to MDT Materials Manual (Refer to Individual Procedure for requirements)

June 2017

- Section 100
 - MT 100 – Updated testing requirements
 - MT 117 – Revised to match revisions to AASHTO T 23 (Making and Curing Concrete Test Specimens in the Field)
 - MT 118 – Eliminated; Use AASHTO T 152 (Air Content of Freshly Mixed Concrete by Pressure Method)
- Section 300
 - Eliminated
 - MT 309 – Use AASHTO R 47 (Reducing Samples of Hot Mix Asphalt (HMA) to Testing Size)
 - MT 312 – Use AASHTO T 329 (Moisture Content of Asphalt Mixtures by Oven Method)
 - MT 314 – Use AASHTO T 166 (Bulk Specific Gravity (G_{mb}) of Compacted Hot Mix Asphalt (HMA) Using Saturated Surface-Dry Specimens)
 - MT 325
 - MT 337
 - MT 338 – Use ASTM D6390 (Determination of Draindown Characteristics in Uncompacted Asphalt Mixtures)
 - Revised
 - MT 320
 - MT 321
 - MT 332
- MT 601
 - Updated throughout due to elimination of Section 300 Methods
 - Bituminous – Added High Float Emulsion HF-300 (702.02.07.02); Polymer Mod. Cat. High Float Rapid Set Emulsion CHFRS-2p (702.02.07.03); Polymer Modified Cationic Quick Set Emulsion CQS-1p (702.02.08.05); and Polymer Modified Rejuvenating Emulsion (702.02.08.06)
 - Plant Mix Pavement – Added Recycling Agent (401.02.05.02)
- Editorially Revised (to reflect changes to Section 300): MT 302, MT 303, MT 304, MT 305, MT 316, MT 319, MT 322, MT 328, MT 329, MT 331, MT 333, MT 334, MT 335, MT 602

March 2017

- MT 601
 - Miscellaneous – Updated Calcium Chloride (713.03.00.01) and Magnesium Chloride (713.03.00.02) to include sampling method
 - Concrete – Added IA to Class Overlay SF Concrete (551.03.02.07)

January 2017

- Section 100
 - MT 122 - Revised

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December 2016

- Section 200
 - Eliminated
 - MT 200 – Use AASHTO R 58
 - MT 203 – Use AASHTO T 19
 - MT 204 – Use AASHTO T 84
 - MT 205 – Use AASHTO T 85
 - MT 206
 - MT 208 – Use AASHTO T 89 and AASHTO T 90
 - MT 209 – Use AASHTO T 96
 - MT 211 – Use AASHTO T 134
 - MT 213 – Use AASHTO T 176
 - MT 214 – Use AASHTO M 145
 - MT 217 – Use AASHTO T 335
 - MT 220 – Use AASHTO T 100
 - MT 221 – Use AASHTO T 255
 - MT 222 – Use AASHTO T 191
 - MT 223 – Use AASHTO T 112
 - MT 224
 - MT 225
 - MT 227 – Use AASHTO T 265
 - MT 231
 - MT 233 – Use AASHTO T 327
 - Revised
 - MT 210
 - MT 212
 - MT 226
 - MT 230
 - MT 232
- Section 500
 - MT 530 – Added
 - MT 532 – Added
- Section 600
 - MT 602 – Revised
 - MT 603 – Revised
- MT 601
 - Updated throughout with AASHTO Methods due to elimination of Section 200 Methods
 - Aggregate Surfacing – Updated Microsurfacing Aggregate Type 2 (701.02.08.06) and Type 3 (701.02.08.04)
 - Bituminous – Added Anionic Slow Set Emulsion SS-1H (702.02.01.04); Added Polymer Mod. Cat. Quick Set Emulsion CQS-1hP (702.02.08.04)
 - Maintenance – Added Potassium Acetate (MT 11)
- Editorially Revised (to reflect changes to Section 200): MT 101, MT 216, MT 228, MT 229, MT 305, MT 329, MT 607

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September 2016

- Section 500
 - MT 502 – Added
 - MT 521 – Added
 - MT 533 – Added
 - MT 537 – Added
- MT 601
 - Aggregate – Updated Sample/Test Frequency to Coarse Concrete Aggregate Grade 4 – During Production
 - Guardrail – Added MASH W-Beam Terminal Section

June 2016

- Section 100
 - MT 100 – Revised
 - MT 121 – Added
- Section 500
 - MT 501 – Added
 - MT 526 – Revised
 - MT 534 – Added
 - MT 536 – Added
 - MT 548 – Added
- MT 601
 - Aggregate Surfacing – Added Crushed Cover Aggregate Type 3
 - Concrete And Structures – Added note to Cattle Guard Bases
 - Maintenance – Updated to reflect changes to Section 500
 - Miscellaneous – Added Landscape Grade Topsoil; added Structural Timber; updated to reflect changes to Section 500
 - Steel – Added High Strength Wire Rockfall Mesh; updated Smooth Dowel Bars

March 2016

- MT 601
 - Concrete Sealant – removed Concrete Curing Materials (717.01.00.01) and added Liquid Membrane-Forming Concrete Curing Compound (717.01.03.01) and Concrete Cure and Seal Compounds (717.01.04.01)
 - Crack Sealing – updated Sampling/Testing requirements for Crack Sealant
 - Steel – Added Cast Inlet Grates (711.12.03.02)

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February 2016

- MT 100 – Updated to reflect addition of AASHTO T 358 Resistivity
- MT 601
 - Concrete – Replaced AASHTO T 277 Rapid Chloride Permeability Test with AASHTO T 358 Resistivity
 - Pavement Markings – Included Sampling/Testing requirements for Epoxy Paint; updated Sampling/Testing requirements for Reflective Glass Beads
- MT 609 – Updated to remove reference to RCP cylinders

January 2016

- MT 601
 - Updated throughout with revised Buy America Requirements
 - Steel – Added note to Structural Steel Piles
 - Joint Material – Added Flexible Joint Sealer

December 2015

- Section 100
 - Eliminated
 - MT 102 – Use AASHTO T 152
 - MT 104 – Use AASHTO T 119
 - MT 105 – Use AASHTO R 60
 - MT 106 – Use AASHTO T 148
 - MT 107 – Use AASHTO T 196
 - MT 112 – Use AASHTO T 24
 - MT 113 – Use ASTM E965
 - MT 115 – Use AASHTO T 121
 - MT 116 – Use AASHTO T 347
 - MT 120
 - Revised MT 101, MT 117, MT 118
- MT 601
 - Updated throughout with AASHTO Methods due to elimination of Section 100 Methods
 - Miscellaneous – Note added to Seed; Note added to Miscellaneous Paint; Test Method changed for Water for Concrete
 - Guardrail – Added Cert of Comp for Guardrail Items
 - Plant Mix Pavement – Added Warm Mix Additives
 - Crash Testing – Changed material name to Cert of Comp for Traffic Control/Mailbox (618.03.02.01)
- Editorially Revised: MT 100, MT 103, MT 110, MT 111, MT 203

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September 2015

- MT 601
 - Miscellaneous – Notes added to Mail Box; Sampling/Testing requirement added for Water for Concrete and Notes updated
 - Pavement Markings – Included Sampling/Testing requirements for Reflective Glass Beads
 - Building Materials
 - Structure Material – Added Masonry/Through Fall Flashing, Pre-Packaged Mortar, CMU, SRW Block, Masonry Siding, and Interior/Exterior Glass and Glazing
 - Electrical/Mechanical – Added Electrical, HVAC System, and Propane Tank
 - Plumbing – Added Irrigation System, Plumbing, Waste Water Treatment System, and Waste Water Utility Pipe & Appurtenance
 - Accessories – Added Benches
 - Added new subcategory “Scale Site Specific”
 - Steel – Notes amended for Steel Castings, Miscellaneous Drainage Castings, Rock/Soil Anchor
 - Pipe – Consolidated plastic pipe material codes
- MT 419
 - Deleted
- MT 215
 - Moved to MT 122
- MT 229
 - Removed 16% air void charts
- MT 309
 - Revised
- Editorially Revised: MT 220