

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

### January 2024 (January 11, 2024 Letting)

- Section 100
  - MT 110 - Revised
- Section 300
  - MT 305 - Eliminated
- MT 601
  - **Aggregate Surfacing** – Updated Mix Design approval requirements for Cement Treated Base (701.02.09.01)
  - **Concrete** –
    - Updated concrete properties sampling frequency for the following classes of concrete: General (551.03.02.02), Pave (551.03.02.03), SCC (551.03.02.05), Deck (551.03.02.06), Structure (551.03.02.09), Drilled Shaft (551.03.02.10), Joint (551.03.02.16), Structure-Low Slump (551.03.02.17), and Concrete Unclassified (551.03.02.99)
    - Added note for clarification of acceptance for Precast Concrete Products (554.01.00.01) and Cattle Guard Bases (554.01.00.02)
  - **Fencing** – Revised acceptance requirements for Wood Fence Post/Brace Rail (712.02.08.01)
  - **Guardrail** – Revised acceptance requirements for Metal Beam Guardrail (705.01.01.01), Box Beam Guardrail (705.01.01.02), and Wood Guardrail Post/Blockout (705.01.02.01)
  - **Joint Material** – Revised acceptance requirements for Expansion Joint Fillers – Cork (707.01.00.01)
  - **Lighting, Signals, & Communication** – Revised acceptance requirements for Class 4 Treated Wood Poles (703.14.00.01)
  - **Miscellaneous** – Updated Notes for Steel Structure Paint (710.01.00.01)
  - **Pipe** – Added note for clarification of acceptance for Concrete Pressure Pipe (708.02.00.01)
  - **Plant Mix** – Removed MT 305 from mix design requirements for Plant Mix Surfacing Grade S (3/4”) [401.02.00.01], Plant Mix Surfacing Grade S (1/2”) [401.03.00.02], and Plant Mix Surfacing Grade S (3/8”) [401.03.00.03]
  - **Signing** – Revised acceptance requirements for Treated Wood Posts & Poles (704.01.06.01)
  - **Steel** – Updated Notes for Welded Stud Shear Connectors (711.09.00.01)
  - **Building Materials** – Revised acceptance requirements for Glue Laminated Beams (BM.699.01.02)
- Editorial/Clarification Changes: MT 316, MT 321

### June 2023 (June 29, 2023 Letting)

- Section 100
  - MT 100 - Revised
- Section 400
  - MT 414 – Revised
- Section 500
  - MT 539 - Added
  - MT 540 - Added
  - MT 541 - Added

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- Section 600
  - MT 601 - Revised
    - Aggregate – Added Riprap Source Approval (PC 9)
    - Aggregate Surfacing – Updated sampling and testing requirements for Crushed Top Surfacing Grade 2A (701.02.06.01) and Crushed Top Surfacing Grade 3B (701.02.07.01)
    - Bituminous – Added Performance Graded Asphalt Binder 58V-34 (MSCR) (702.01.01.07)
    - Fencing – Revised acceptance requirements for Snow Fence Material (607.02.01.01) and Deadman/Anchor (712.02.12.01)
    - Guardrail – Revised documentation requirements for Non-Wood Blockout (705.01.02.02) & Steel Guardrail Post (705.01.05.01)
    - Miscellaneous – Revised acceptance requirements for Structural Timber (706.01.00.01)
    - Steel – Revised documentation requirements for Rebar Epoxy Coating (711.01.02.01); clarification of sample size for High Tensile Strength Bolt (711.06.00.01)
  - MT 602 – Revised

### **December 2022 (December 8, 2022 Letting)**

- MT 601
  - Scope – revised to include Construction Materials
  - General - Added Build America, Buy America requirements to Construction Materials (denoted BABA-C in Index)
  - Steel – Revised documentation requirements for Gabion Baskets (711.21.00.02)
  - Stream Preservation – Revised documentation requirements for Temporary Rolled Erosion Control (208.02.00.01)
  - Miscellaneous – Updated acceptance requirements for Hydrated Lime (713.02.00.01)
  - Concrete Structures – Clarification change – added AASHTO T 22 to tests

### **September 2022 (September 22, 2022 Letting)**

- Section 100
  - MT 108 - Eliminated
- Section 300
  - MT 336 - Added
- Section 400
  - MT 404 - Revised
  - MT 421 – Eliminated (Use AASHTO M 288 Geosynthetic Specification for Highway Applications)
- Section 600
  - MT 601
    - Concrete - Added Low Density Cellular Concrete (551.03.02.19); Updated Class Pave Concrete (551.03.02.03) testing requirements
    - Plant Mix Pavement - Added Hot In-Place Recycle (405.03.00.01)
    - Fencing – Updated sampling size and testing frequency for Snow Fence Material (607.02.01.01) and Wood Fence Post/Brace Rail (712.02.08.01)
    - Signing – Updated sampling size and testing frequency for Treated Wood Posts & Poles (704.01.06.01)

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- Guardrail – Updated sampling size and testing frequency Wood Guardrail Post/Blockout (705.01.02.01)
- Electrical – Updated sampling size and testing frequency Class 4 Treated Wood Poles (703.14.00.01)
- Miscellaneous – Updated sampling size and testing frequency for Structural Timber and Lumber (706.01.00.01)
- Bearing Devices – Updated acceptance requirements for Elastomeric Bearing Devices (711.14.00.01)
- Steel – Added Prefabricated Pre-inspected Structural Steel Members (711.02.00.02); Updated acceptance requirements for Structural Steel (711.02.00.01)
- Bituminous - Added Performance Graded Asphalt Binder (MSCR) 58H-34 (702.01.01.06); Updated test requirements for Performance Grade Asphalt Binders
- Geotextiles – Updated acceptance requirements for Separation Geotextile Mod (716.02.00.01) & High (716.02.00.02), Stabilization Geotextile (716.03.00.01), Subsurface Drain Filter Mod & High (716.04.00.01 to 716.04.00.06), and Permanent EC Mod & High (716.05.00.01 to 716.05.00.06)
- IAP requirements removed from appropriate Binder, Concrete, Embankment/Special Borrow, and Plant Mix materials
  - MT 605 - Eliminated
  - MT 611 - Eliminated

### **April 2022 (April 28, 2022 Letting)**

- MT 100 – Revised
- MT 601
  - Concrete – Updated acceptance requirements for Class Overlay-LM Concrete (551.03.02.08); – Updated acceptance requirements for Lean Concrete (551.03.02.14); Added Class Ultra High Performance Concrete (551.03.02.18)
  - Geotextiles – Updated acceptance requirements for Separation Geotextile Mod (716.02.00.01) & High (716.02.00.02), Stabilization Geotextile (716.03.00.01), Subsurface Drain Filter Mod & High (716.04.00.01 to 716.04.00.06), and Permanent EC Mod & High (716.05.00.01 to 716.05.00.06)
  - Pavement Markings – Updated acceptance requirements for Preformed Plastic (714.07.00.01)
  - Steel – Updated acceptance requirements for High Tensile Strength Bolts (711.06.00.01)
  - Removed metric units throughout the procedure
- Editorial/Clarification Changes: MT 101, MT 117, and MT 332