

Design Standards Letter

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Section: 102, 501, 614, 712, 901, 902, 903, 1023, 1038, 1040, 1052, 1080, 1081

Subject: Revised Supplement to the 2026 Standard Specifications

TO: All Central and District Offices

FROM: Gidget Koestner

DATE: May 6, 2026

SUBJECT: Standard Specifications Letter No. 3, 2026

The Supplemental Revisions to the *2025 Missouri Standard Specifications for Highway Construction* are now included in the new publication of the *2026 Missouri Standard Specification for Highway Construction* along with the following additional revisions listed below. The *2026 Missouri Standard Specifications for Highway Construction* effective July 1, 2026 is now available on MoDOT's [website](#).

Questions regarding the Supplemental Revisions to the Missouri Standard Specifications should be directed to Gretchen Hanks, Central Office, Engineering Policy Services, at 573-472-9019 or myself at 573-751-6905.

MAJOR REVISIONS:

SECTION 614 DRAINAGE FITTINGS

Sec 614.10.2.1 In the eighth sentence, change “AASHTO M 232, Class C” to “ASTM B695, Class 55”.

SECTION 712 STRUCTURAL STEEL CONSTRUCTION

Sec 712.6.1 Welder Certification. In the fourth sentence, add “D1.5” after “shall be AWS”.

Sec 712.6.3 Shear Connector. In the first sentence, change “2002 AWS Bridge Welding Code Clause 7.7” to “AWS D1.5: 2025, Bridge Welding Code, Clause 9.7”.

Sec 712.6.4 Non-Destructive Testing (NDT) for Field Welds. Update testing guidance in section.

SECTION 901 HIGHWAY LIGHTING

Sec 901.3.1 In the first sentence, change “AASHTO M 232 (ASTM A153), Class C, or mechanically galvanized in accordance with ASTM B695, Class 55” to “ASTM F2329”.

SECTION 902 TRAFFIC SIGNALS

Sec 902.4.1 In the first sentence, change “AASHTO M 232 (ASTM A153), Class C, or mechanically galvanized in accordance with ASTM B695, Class 55” to “ASTM F2329”.

Sec 902.17.7 External Conduit on Structure. In the sixth sentence, change “AASHTO M 232 (ASTM A153), Class C” to “ASTM F2329” and add “mechanically galvanized in accordance with” before “ASTM B695, Class 55”.

SECTION 903 HIGHWAY SIGNING

Sec 903.2 Material. In the first column of the table, in the last row, delete “Tubular Steel Sign Supports, Sign Trusses”.

Sec 903.2.1 Sign Posts and Tubular Steel Sign Supports. Delete the second row of the table. In the first column of the table, in the sixth row, change “Structural Steel” to “I-Beam”.

Sec 903.2.3 Hardware. In the first sentence, change “AASHTO M 232 (ASTM A153), Class C, or mechanically galvanized in accordance with ASTM B695, Class 55” to “ASTM F2329”.

Sec 903.3.1.2 Embedded Installations. In the first sentence, change “structural steel” to “I-beam”.

Sec 903.3.1.3 Perforated Square Steel Tube Post Anchor Installations. Delete the last sentence, “In lieu of concrete, polyurethane foam meeting the requirements of Sec 903.3.1.3.1 may be used, except that, concrete shall be used for post anchor installations for Emergency Reference Markers.”

Sec 903.3.1.3.1. Delete section.

Sec 903.3.2.2.1 Structural Steel Posts. Change the section title from “Structural Steel Posts” to “I-Beam Posts”. In the first sentence, change “Structural steel” to “I-beam”.

Sec 903.3.2.2.3 Perforated Square Steel Tube Posts. Delete the last sentence, “A six foot 2.25” PSST insert shall be installed inside the 2.5” PSST post, above the breakaway assembly, when required per the plans.”

Sec 903.3.2.2.5 Wood Posts. Delete section.

Sec 903.5 Method of Measurement. In the last sentence of the second paragraph, delete “or polyurethane foam” before “used in footings”.

Sec 903.5.1. In the first sentence, change “structural steel” to “I-beam”.

Sec 903.5.3. In the first sentence, add “and” before “u”-channel” and delete “and wood” after “u-channel”.

Sec 903.6.1. In the first sentence, change “structural steel” to “I-Beam”.

Sec 903.6.4. In the first sentence, add “and” before “u-channel” and delete “and wood” after “u-channel”.

Sec 903.6.5. In the last sentence, delete “or polyurethane foam” before “used for the installation”.

Sec 903.6.6. In the first sentence, change “Structural steel” to “I-Beam”.

SECTION 1023 STRUCTURAL PLATE PIPE AND PIPE ARCHES

Sec 1023.3.4.1. In the second sentence, change “AASHTO M 232” to “ASTM F2329”. In the third sentence, change “AASHTO M 232, Class C” to “ASTM B695, Class 55”.

SECTION 1038 BEARING PADS FOR STRUCTURES

Sec 1038.3.2 Laminates. Replace the sentence “Laminates shall be cold rolled sheets in accordance with ASTM A 1008 or hot rolled steel sheets in accordance with ASTM A 1011 with a minimum grade of 36.” with “Laminates shall be rolled mild steel sheets that meet the requirements of AASHTO M 251.”

SECTION 1040 GUARDRAIL, END TERMINALS, ONE-STRAND ACCESS RESTRAINT CABLE AND GUARD CABLE MATERIAL

Sec 1040.7.2.1 Cable and Connecting Hardware. In the fifth sentence, change “AASHTO M 232, Class C” to “ASTM B695, Class 55”.

Sec 1040.7.2.2 Cable Brackets. In the last sentence, change “AASHTO M 298” to “may be mechanically galvanized in accordance with ASTM B695, Class 55”.

Sec 1040.7.2.3 Hook Bolts, Hex Bolts, Nuts and Washers. In the last sentence, change “AASHTO M 232, Class C” to “ASTM B695, Class 55”.

Sec 1040.9 Repair of Galvanizing. In subpart (e), change “AASHTO M 298” to “ASTM B695, Class 55”.

SECTION 1052 MECHANICALLY STABILIZED EARTH WALL (MSE) AND SOUND WALL SYSTEM COMPONENTS

Sec 1052.10.5 Galvanizing and Aluminizing. In the fourth sentence, change “AASHTO M 232” to “ASTM F2329”. In the last sentence, add “AASHTO” before “M 232” and add “(ASTM A153), Class C” after “M 232”.

SECTION 1080 STRUCTURAL STEEL FABRICATION

Sec 1080.2 Material. In the second column of the table, in the fifteenth row (Galvanized Coatings), change “AASHTO M 232 Class C” to “ASTM F2329”.

Sec 1080.2.1 Galvanized Bolts. In the first sentence, change “AASHTO M 232 (ASTM A153), Class C” to “ASTM F2329”. Add new second sentence, “Mechanically galvanized bolts, nuts and washers shall not be used on galvanized structures.”

Sec 1080.2.5 High Strength Fastener Assemblies. In the fourth sentence, add “All ASTM F3125 Grade A325 and 144 Type 1 and ASTM F3148 Grade 144 Type 1” to the beginning of the sentence, and change “otherwise” to “uncoated, plain or black”.

Sec 1080.2.5.2.1 Nut Grades. In the first sentence, add “2,” before “C, D or C3” and add “2H,” before “DH or DH3”. In the second sentence, add “2H” before “DH or DH3”.

Sec 1080.2.9 Identification of Metals. In the first sentence, delete “and color striped” after “stamped or stenciled”. In the third sentence, delete “and color codes” after “separate markings”. Delete the fourth and fifth sentences. In the new seventh sentence, delete “color code and” before “heat number markings”.

Sec 1080.3.2 Shop Drawings. Add new fifth sentence, “The approved weld procedure (See Sec 1080.3.2.2) to be used on each welded joint shall be indicated on the shop drawings when submitted for approval.”

Sec 1080.3.2.2 Weld Procedures. Delete the last sentence, “The shop drawings submitted for approval shall indicate the welding procedure to be used for each joint”.

Sec 1080.3.3.4 Applicable Codes. In the first sentence, change “2002” to “2025” after “ANSI/AASHTO/AWS D1.5:” and add “and as modified by Sec 1080.3.3.5” to the end of the sentence. In the second sentence, add “ANSI/” before “AWS D1.1”. In the third sentence, add “ANSI/” before “AWS D1.2”.

Sec 1080.3.3.5 Modifications to the Bridge Welding Code. Update bridge welding code in section and subsections.

Sec 1080.3.3.8 Longitudinal Stiffeners. In the fourth sentence, change “AWS Section 3.12” to “AWS D1.5: 2025, Clause 5.12”. In the last sentence, change “AWS Sec 6.10” to “AWS D1.5: 2025, Clause 8.10”.

Sec 1080.4.2.2 Fabrication Requirements. In the first sentence, change “2002” to “2025” after “ANSI/AASHTO/AWS D1.5:”. In the last sentence, change Sec 6.7.6.2 of AWS D1.5: 2002” to “AWS D1.5: 2025, Paragraph 8.7.8.2 and add “which shall be” before “modified to test”.

Sec 1080.4.2.3 Welding Requirements for HPS. In the first sentence, change “AASHTO/ANSI/AWS D1.5: 2002” to “ANSI/AASHTO/AWS D1.5: 2025”. In the fourth sentence, change “2002” to “2025” after “AWS D1.5”. In the sixth sentence, change “AWS D1.5 Table 4.1” to “AWS D1.5: 2025, Table 6.1”.

Sec 1080.4.6 Welding. In the first sentence, change “Section 4 of AWS D1.5: 2002” to “AWS D1.5: 2025, Clause 6”.

SECTION 1081 COATING OF STRUCTURAL STEEL

Sec 1081.20.3 Galvanized Metal. Delete the second sentence, “Galvanizing shall be applied after fabrication.” Add new second and third sentences, “After fabrication and prior to galvanizing, the steel surfaces shall be solvent cleaned in accordance with SSPC-SP1 Solvent Cleaning and then blast cleaned in accordance with SSPC-SP6 Commercial Blast Cleaning requirements. Structural steel beams and girders webs shall remain vertical while being galvanized.”

MINOR REVISIONS:

SECTION 102 BIDDING REQUIREMENTS AND CONDITIONS

Sec 102.3.5 Delete “AASHTOWare Project Bids[®] Electronic Bidding System software and” from the first sentence.

SECTION 501 CONCRETE

Sec 501.8.11 Delivery Tickets. In the first sentence, delete “for use in structures” before “shall furnish to the engineer”.

GJK/GFH