

Design Standards Letter

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Letter Date: 01/22/2024

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Section: 101, 106, 109, 501, 612, 613, 704, 902, 1041, 1045, 1047, 1048, 1063, 1092

Subject: Revised Supplement to the 2023 Standard Specifications

TO: All Central and District Offices

FROM: Amy Crawford

DATE: January 22, 2024

SUBJECT: Standard Specifications Letter No. 2, 2024

The Supplemental Revisions to the 2023 *Missouri Standard Specifications for Highway Construction*, effective April 1, 2024, are now available on MoDOT's [website](#).

Questions regarding the Supplemental Revisions to the Missouri Standard Specifications should be directed to Jen Haller, Central Office, Engineering Policy Services, at 573-526-2918 or myself at 573-751-6905.

MAJOR REVISIONS:

SECTION 612 IMPACT ATTENUATORS

Sec 612.4.1 Truck Mounted Attenuator. Delete “for all moving operations conducted under traffic and” from first sentence. Remove all occurrences of “trailer mounted” and add “Trailer mounted attenuators, with support vehicle and mounted flashing arrow panel, may be used in lieu of truck mounted attenuators.”

Sec 612.4.2.2 Delete “MoDOT” and “MoDOT Type 3” sheeting references.

Sec 612.5.1 Separate first sentence and change to “No payment will be made for truck mounted attenuators (TMAs) used in mobile operations or for any TMAs designated as optional. TMAs required for stationary work activities will be paid as specified in the contract.”

Sec 612.5.2 Add as new section.

Sec 612.5.2.1 Renumber to accommodate new section.

MINOR REVISIONS:

SECTION 101 DEFINITION OF TERMS

Sec 101.1 Delete NTPEP. “National Transportation Product Evaluation Program” it is no longer an acronym since the program changed names to “AASHTO Product Evaluation & Audit Solutions”.

SECTION 106 CONTROL OF MATERIAL

Sec 106.9.3 Change “National Transportation Product Evaluation Program (NTPEP)” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

SECTION 109 MEASUREMENT AND PAYMENT

Sec 109.16 Fixed Cost Items. Change the fixed prices for Classes 1, 2, 3 and 4 Excavation in Rock from \$120 to \$175, \$170 to \$200, \$85 to \$135, and \$85 to \$135, respectively.

SECTION 501 CONCRETE

Sec 501.2.1 Aggregate Acceptance. Add “PCCM” after Portland cement concrete masonry.

Sec 501.3.2 Paving Concrete. Add “Portland cement concrete pavement” in front of PCCP.

Sec 501.14.1 Fly Ash. Add “Type IL or” in front of Portland cement.

SECTION 613 PAVEMENT REPAIR

Sec 613.40.2.1 Repair Material. Change “NTPEP” reference to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

SECTION 704 CONCRETE MASONRY REPAIR

Sec 704.6 Method of Measurement. Delete the first sentence, “The extent of repair may vary from the estimated quantities, but the contract unit price shall prevail regardless of the variation”.

SECTION 902 TRAFFIC SIGNALS

Sec 902.17.7 External Conduit on Structure. In the fourth sentence, add “for clamps” behind concrete anchors, and change “federal specifications FF S 325, Group II, Type 4, Class I” to “Commercial Item Description (CID) A-A-1923A”.

SECTION 1041 POLYPROPYLENE CULVERT PIPE

Sec 1041.4.1- Sec 1041.4.3.1 Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

SECTION 1045 PAINT FOR STRUCTURAL STEEL

Sec 1045.3.3 Alternate Approval. Change “NTPEP” reference to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1045.4.5 Alternate Approval. Change “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1045.10.2 Manufacturer and Brand Name Approval. Change “NTPEP” reference to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

SECTION 1047 POLYETHYLENE CULVERT PIPE

Sec 1047.4.1- Sec 1047.4.3.1 Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

SECTION 1048 PAVEMENT MARKING MATERIAL

Sec 1048.10.1.1.1.2.2 Durability Testing. Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.10.1.1.1.2.4 Durability. Change “NTPEP” reference to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.10.1.1.1.5.3 Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.1.1.2.3.2 Durability. Change “NTPEP” reference to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.1.1.4.3 Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.1.2.2.3 Durability Testing. Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.1.2.2.3.2 Durability. Change “NTPEP” reference to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.1.2.4.3 Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.2.1.1.1.12 Qualification. Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.2.1.1.1.12.2 Durability. Change “NTPEP” reference to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.2.1.1.1.13 Packaging. Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.2.1.2.9 Accelerated Weathering. Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.2.1.2.11 Qualification. Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.2.1.2.11.2 Durability. Change “NTPEP” reference to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.2.3.1.7 Qualification. Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.2.3.1.9 Durability. Change “NTPEP” reference to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

Sec 1048.20.2.3.1.10 Packaging. Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

SECTION 1063 TEMPORARY TRAFFIC CONTROL DEVICES

Sec 1063.4.2.1 Sign Substrate. Change all “NTPEP” references to “AASHTO Product Evaluation & Audit Solutions” since the program changed names.

SECTION 1092 SIGNAL EQUIPMENT

Sec 1092.2.4.2 In the fifth sentence, change “paragraph 6.14.7” to “Clause 8.14.6” of ANSI/AWS D1.1.

Sec 1092.2.4 Steel Posts and Mast Arms. In the fifth sentence, change “Section 6.14.7” to “Clause 8.14.6” of ANSI/AWS D1.1.

ABC/JNH