

Design Standards Letter

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Letter Date: 7/9/2026

Effective Date: 10/1/2026

Section: 102, 403, 406, 501, 610, 620, 1015, 1049

Subject: Revised Supplement to the 2026 Standard Specifications

TO: All Central and District Offices

FROM: Gidget Koestner

DATE: July 9, 2026

SUBJECT: Standard Specifications Letter No. 4, 2026

The Supplemental Revisions to the *2026 Missouri Standard Specifications for Highway Construction*, effective October 1, 2026, are 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 403 ASPHALTIC CONCRETE PAVEMENT

Sec 403. Modifications throughout entire section, including Balanced Mix Design (BMD) is required on all dense graded SP095 and SP125 surface and base course mixtures.

SECTION 406 PAVER-MOUNTED THERMAL PROFILES

Sec 406. Create new section titled "Section 406 Paver-Mounted Thermal Profiles".

SECTION 501 CONCRETE

Sec 501.4.1 Curing. Insert new section 501.4.1 Curing.

Sec 501.4.1.1 Standard Curing. Insert new section 501.4.1.1 Standard Curing.

Sec 501.4.1.2 Field Curing. Insert new section 501.4.1.2 Field Curing.

SECTION 610 PAVEMENT SMOOTHNESS

Sec 610.5.3 Marred Surface Deductions. In the first sentence, change “Sec 610.4.7” to Sec 610.4.8. In the third sentence, change “10 feet” to “15 feet” for both occurrences. Add new last sentence, “For asphalt pavement and overlays, the deduct shall apply to the surface course and all sub-courses placed within the bounds of the marred surface area.”

SECTION 1015 BITUMINOUS MATERIAL

Sec 1015.3.1 Certification. In the third sentence, add “or for cross linking” after “used in modification”.

Sec 1015.3.7 Railroad Shipments. In the second sentence, add “or for cross linking” after “used in modification”.

Sec 1015.10.1 General. Add new second and third sentences, “Polyphosphoric Acid (PPA) may be used at a maximum dosage of 0.25 percent by weight of binder to promote polymer cross-linking and interaction. Higher PPA dosages or other types of modifiers used for cross-linking shall be approved by the engineer.” In the last sentence, add “asphalt binder” before “grade shall be as specified”.

SECTION 1049 PRECAST CONCRETE BOX CULVERTS

Sec 1049.4.2 Special Designs. Add new last sentence, “Precast split-box designs in accordance with ASTM C1786 with or without modification are not acceptable.”

MINOR REVISIONS:

SECTION 102 BIDDING REQUIREMENTS AND CONDITIONS

Sec 102.7.1 Delete the first sentence and replace with “Bids shall be submitted using the BidExpress® website.”

Sec 102.10 Delete the first sentence and replace with “Bids shall be submitted using the BidExpress® website.”

SECTION 620 PAVEMENT MARKING

Sec 620.20.3.2.1 Description. In the first sentence, delete “white” after “furnishing and placing” and add “chevron and diagonal markings, crosswalks,” before “stop lines”.

Sec 620.20.4.3 In the first sentence, add “non-linear” before “durable intersection markings”.