**Design Standards Letter**

**Letter Number: S-2018-01**

**Letter Date: 11/01/2017**

**Effective Date: 01/01/2018**

**Section/Plan No.: 104, 107, 407, 408, 409, 501, 608, 616, 622, 902, 903, 1048**

**Subject: Revised Supplement to the 2017 Standard Specifications**

**TO:** All Central and District Offices

**FROM:** Sarah Kleinschmit

**DATE:** November 01, 2017

**SUBJECT:** Engineering Policy

Standard Specifications Letter No. 1, 2018

The Supplemental Revisions to the *2017 Missouri Standard Specifications for Highway Construction*, effective January 1, 2018 are now available on MoDOT’s website.

Questions regarding the Supplemental Revisions to the Missouri Standard Specification should be directed to Tim Oligschlaeger, Central Office, Engineering Policy Group, at 573-751-3813 or myself at 573-751-7412.

**MINOR REVISIONS:**

**SECTION 104 SCOPE OF WORK**

*Sec 104.6.2.6* Changed “Four copies” to “An electronic copy” for how a proposal shall be submitted.

**SECTION 107 LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC**

*Sec 107.13.2.1* Removed the third sentence listing sovereign limits as they are not current and do not need to be listed.

**SECTION 407 TACK COAT**

*Sec 407.5* Changed method of measurement from nearest 10 gallons to nearest gallon.

**SECTION 408 PRIME COAT**

*Sec 408.5* Changed method of measurement from nearest 10 gallons to nearest gallon.

**SECTION 409 SEAL COAT**

*Sec 409.8.3* Changed method of measurement from nearest 10 gallons to nearest gallon.

**SECTION 616 TEMPORARY TRAFFIC CONTROL**

*Sec 616.3.3* At the end of the section removed “starting April 2016”. This date is no longer applicable.

*Sec 616.4.3* Removed “starting April 2016” at the end of the third sentence. This date is no longer applicable.

**SECTION 622 PAVEMENT AND BRIDGE SURFACE REMOVAL AND TEXTURING**

*Sec 622.2.3.1* Added section requiring a temporary asphalt wedge transition for vertical lip created from a cold milled depth transition.

*Sec 622.10.3.1* Deleted existing language and replaced with language requiring the first lift of resurfacing to be placed during the same day or night work shift as the cold milling operation.

**SECTION 902 TRAFFIC SIGNALS**

*Sec 902.4.2* Removed part of the second sentence requiring exposed concrete surfaces to be sealed.

**SECTION 903 HIGHWAY SIGNING**

*Sec 903.2.4* Removed the last sentence requiring exposed concrete surfaces to be sealed.

**SECTION 1048 PAVEMENT MARKING MATERIAL**

*Sec 1048.30.4* Updated Type L percent passing bead gradation requirements for No. 16 changed 98 to 95, No. 18 change 42 to 40, and No. 20 changed 7 to 5.

**MAJOR REVISIONS:**

**SECTION 501 CONCRETE**

*Sec 501.10.2 Limitations.* Revised section to re-establish max air content and cleaned up discrepancies for minimum air content and re-dosing.

*Sec 501.10.4 Re-dosing.* Revised section, cleaned up discrepancies for re-dosing.

*Sec 501.10.4.1* Deleted entire section.

*Sec 501.10.4.2* Deleted entire section.

*Sec 501.10.4.3* Deleted entire section.

**SECTION 608 CONCRETE MEDIAN, MEDIAN STRIP, SIDEWALK, CURB RAMPS, STEPS AND PAVED APPROACHES**

*Sec 608.3.7* Renumbered existing section to 608.3.8 and renumbered subsequent sections accordingly. Added new 608.3.7section for concrete strength and air content.

*Sec 608.3.7.1* Added new section for testing frequency for concrete strength and air content.

*Sec 608.3.7.2* Added new section that allows 3 cubic yards or less to be poured without concrete strength and air content testing.

**SECTION 903 HIGHWAY SIGNING**

*Sec 903.3.1.2* In the last sentence “to the satisfaction of the engineer” was removed and an additional sentence was added “Footings shall be visually inspected for acceptance by the engineer.”

*Sec 903.3.1.2.1* Added “for the footings for embedded-type sign posts” to the end of the first sentence.

*Sec 903.5.1* Added existing section to 903.5 and added end supports for overhead sign trusses, tubular steel sign supports and posts bolt-down bases to measurement of concrete for footings.

*Sec 903.5.2.* Changed to 903.5.1 and renumbered subsequent sections accordingly.

SKK/TMO