

# Design Standards Letter

**Letter Number: S-2013-05**

**Letter Date: 04/22/2013**

**Effective Date: 06/01/2013**

**Section/Plan No.: 101, 108, 109, 401, 403, 506, 605, 704, 806, 1005, 1018 and 1019**

**Subject: Revised Supplement to Standard Specifications**

## Body

---

**TO:** All Central Office and District Offices

**FROM:** Joseph G. Jones  
Engineering Policy Administrator

**DATE:** April 22, 2013

**SUBJECT:** Engineering Policy  
Standard Specifications Letter No 05, 2013  
Revised Supplement to the Standard Specifications

The Supplemental Specifications to the *2011 Missouri Standard Specifications for Highway Construction*, effective June 1, 2013 are now available. These revisions will be in effect with the June 2013 bid opening.

Questions regarding the Supplemental Revisions to the Standard Specifications should be directed to Sam Niederhelm, Central Office, Engineering Policy Group, at 573-526-5645 or myself at 573-751-3813.

## MINOR REVISIONS:

### Sec 401

*Sec 401.4.4.1* Revised to include BP-3 mixtures, updated AASHTO testing and clarified BP-3 mixtures to be compacted with gyrator compactor to 35 gyrations.

*Sec 401.8.4* Revised to clarify cores tested by AASHTO T 166 shall be in accordance with Sec 403.19.3.1.3.

### Sec 403

*Sec 403.403.17.1.2* Section was deleted in its entirety.

**Sec 506**

*Sec 506.20.3.4.2.5* Added to clarify the surface temperature of the fabric shall not exceed 90 F prior to placement of overlay.

**Sec 806**

*Sec 806.4*

*Sec 806.30.5* Sections were renumbered accordingly.

**Sec 1018**

*Sec 1018.2.2* Deleted table as shown.

**MAJOR REVISIONS:****Sec 101**

*Sec 101.1* Added definition for road user cost.

**Sec 108**

*Sec 108.8.1.1* Revised to clarify liquidated damages shown in the contract will be listed separately as administrative damages and road user costs.

*Sec 108.8.1.2* Added to clarify how road user costs will be administered or waived if project is considered significantly complete.

**Sec 109**

*Sec 109.15* Revised table to include a fixed cost item for reinforcing steel.

**Sec 403**

*Sec 403.19.3.1.3* Added to clarify the determination of bulk specific gravity using paraffin-coated specimens.

**Sec 605**

*Sec 605.70*

*Sec 605.70.4* Revised to allow the use of aggregate drains to alleviate failure areas when moisture in the pavement structure is present.

**Sec 704**

*Sec 704.5.4* Added measurement of reinforcing steel due to excess section loss to be to the nearest 10 pounds.

*Sec 704.6* Revised to clarify reinforcing steel replaced due to excess section loss will be paid as a fixed cost item in accordance with *Sec 109.15*.

**Sec 1005**

*Sec 1005.4* –

*Sec 1005.4.6* Added to allow the use of lightweight aggregate for concrete.

**Sec 1019**

*Sec 1019.2.3* Revised to allow Type IL cement with a limestone constituent up to 15 percent by mass of blended cement.

JGJ / SJN