

Design Standards Letter

Letter Number: S-2011-01

Letter Date: 01/03/2011

Effective Date: 02/01/2011

Section/Plan No.: 403, 613, 903, 1011, 1045, 1081

Subject: Revised Supplement to the Standard Specifications

Body

The Supplemental Specifications to the *2004 Missouri Standard Specifications for Highway Construction*, effective February 1, 2011 are now available. These revisions will be in effect with the February 2011 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.

MAJOR REVISIONS:

Sec 403

Sec 403.1.1 – Revised table to add SP048 designation.

Sec 403.1.2 – Revised table to add mix design F.

Sec 403.2.1 – Revised table to add mix design F.

Sec 403.2.2 – Revised table to add mix design F.

Sec 403.2.3 – Revised table to add mix design F.

Sec 403.2.5.2 – Revised to indicate fiber additives to be used as a stabilizer when required to prevent draindown during production.

Sec 403.2.6 – Revised heading to reclaimed asphalt and added the word ‘effective’ when virgin binder is used.

Sec 403.2.6.1 – Revised heading to reclaimed asphalt and added the word ‘effective’ when virgin binder is used. Also clarified that asphalt coating on aggregate be removed by extraction or binder ignition during production.

Sec 403.2.6.2 – Revised heading to reclaimed asphalt and added the word ‘effective’ when virgin binder is used.

Sec 403.3.1 – Added SP048 designation to table.

Sec 403.3.5 – Added SP048NC designation for surface mixtures.

Sec 403.4.2 – Revised note (g) to add percent asphalt binder contributed by reclaimed asphalt materials.

Sec 403.4.5 – Added note for SP048 mixtures in the table.

Sec 403.6.2 – Added SP048 designation to table.

Sec 403.6.3 – Added SP048 to note in table.

Sec 403.4.7 – Added SP048 mixture and specification for dust to binder ratio.

Sec 403.4.10 – Revised the percent of VCA_{MAX} of SMA mixtures.

Sec 403.5.1 – Corrected the word ‘form’ to ‘from’.

Sec 403.13 – Added minimum thickness requirements for SP048.

Sec 403.15 – Removed the sentence prohibiting pneumatic tire rollers from being used on SMA mixtures.

Sec 403.17.1 – Revised to correct MoDOT Technician Certification Program.

Sec 403.18.2.4 – Revised note (g) to add percent asphalt binder contributed by reclaimed asphalt materials.

Sec 403.19.3 – Added note (e) to table to allow AASHTO T331 to be substituted for AASHTO T 166.

Sec 403.19.3.2.1 – Revised small quantities to less than 4,000 tons for each separate mixture.

Sec 613

Sec 613.10.2.7.3 – Revised to allow climate conditions to dictate the use of curing mats and clarified for the use of curing membranes for Type III Cement.

Sec 903

Sec 903.3.5.3 – Added sentence to prohibit signs mounted on light poles.

Sec 1011

Sec 1011.3.4.2 – Removed Class 2 geotextile for use as separation geotextile.

Sec 1045

Sec 1045.7 – Added Polysiloxane System I Finish Coating and renumbered remaining sections accordingly.

Sec 1081

Sec 1081.2 – Revised table to include System I painting system.

Sec 1081.3.3 – Revised text to include System I painting system.

Sec 1081.4 – Revised to include System I painting system.

Sec 1081.4.3.3.5 – Revised to place responsibility of paying the disposal facility fee on the contractor instead of MoDOT.

JGJ / SJN