

# Design Standards Letter

**Letter Number: S-2011-05**

**Letter Date: 11/16/2001**

**Effective Date: 12/01/2011**

**Section/Plan No.: 203, 216, 304, 401, 402, 403, 501, 605, 609, 720, 1005, 1010, 1057, 1058, 1081**

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

## Body

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

### MINOR REVISIONS:

**Asphalt Price Index** – Revised to remedy confusion on the use of this provision.

#### Sec 203

*Sec 203.4.15* – Revised to clarify that certification must be in accordance with *Sec 203.3.2.5* and should be obtained prior to use of a spoil site off right of way.

#### Sec 216

*Sec 216.50.2.2*

*Sec 216.60.2.4*

*Sec 216.90.3.4* – Revised to clarify that all exposed structural steel exposed by partial removal of bridge deck shall be cleaned and coated.

#### Sec 304

*Sec 304.4.1* – Revised to specify frequency for gradation and deleterious testing.

#### Sec 403

*Sec 403.20.1* – Revised to clarify the use of straightedge when profilographing is not practical.

#### Sec 501

*Sec 501.3.3* – Revised to increase the fines content for course aggregate.

**Sec 605**

*Sec 605.10.2* – Revised to delete Gradation A Material reference which is no longer specified in Sec 1005.

**Sec 609**

*Sec 609.30.3* – Revised to allow the use of approved BP-3 or SP048 mixes for asphalt curbs.

**Sec 620**

*Sec 620.60.3.1.1*

*Sec 620.60.3.1.2*

*Sec 620.60.3.2* – Revised to clarify the use of Type 1 and Type 2 Temporary Raised Pavement Markers (TRPM) on seal coat, surface treatment and resurfacing projects. Also TRPM's shall be removed if the final striping is included in the contract.

**Sec 1005**

*Sec 1005.2.1* – Revised to increase fines content for course aggregate.

**Sec 1057**

*Sec 1057.6*

*Sec 1057.8* – Revised to update test requirements to AASHTO T 42 for determination of asphalt content. Revised the solvents/procedures and measurement to the current laboratory standards.

**Sec 1058**

*Sec 1058.2* – Revised to update ASTM reference for polyethylene sheeting for curing.

*Sec 1058.2* – Revised polyethylene sheeting as bond breaker between bridge approach slab and granular base to be in accordance with ASTM E 1745, Performance Class A.

**Sec 1067**

*Sec 1067.4* – Added specifications for material to be obtained from Qualified List (QL).

**Sec 1081**

*Sec 1081.4.2*

*Sec 1081.5.2* – Revised to clarify protective coating applications in accordance with Sec 1081.3 unless in conflict with Sec 216 which shall control.

*Sec 1081.5.1*

*Sec 108.5.5* – Revised the word 'RECOATED' to the word 'OVERCOATED'.

**MAJOR REVISIONS:****Sec 401**

*Sec 401.4.4.1*

*Sec 401.4.4.2*

*Sec 401.5* – Revised to specify the appropriate level of voids in mineral aggregate (VMA) after deficiencies were identified from previous paving operations.

**Sec 402**

*Sec 401.5* – Revised to specify the appropriate level of voids in mineral aggregate (VMA) after deficiencies were identified from previous paving operations.

**Sec 720**

*Sec 720.3.4* – Revised to clarify the contractor’s responsibility for internal and external stability of the structure including compound stability for mechanically stabilized earth (MSE) structures.

**Sec 1010**

*Sec 1010.3.6*

*Sec 1010.4.1.3*

*Sec 1010.5.1* – Revised to address concerns by the aggregate industry about the testing methods for select granular backfill for mechanically stabilized earth (MSE) structures.

JGJ / SJN