

Design Standards Letter

Letter Number: S-2008-02

Letter Date: 04/25/2008

Effective Date: 06/01/2008

Section/Plan No.: SEE BELOW

Subject: Revised Supplement to the Standard Specifications

Body

The Supplemental Specifications to the *2004 Missouri Standard Specifications for Highway Construction*, effective June 1, 2008 are now available. These revisions will be in effect with the June 2008 bid opening.

Questions regarding the Supplemental Revisions to the Standard Specifications should be directed to Brian K. Williams, Central Office, Engineering Policy Group, at 573-751-9254 or myself at 573-751-3813.

MINOR REVISIONS:

Sec 109

Sec 109.14.4 – Revised fixed prices to reflect current market rates.

Sec 216

Sec 216.20.2 – Revised to incorporate requirements for removal of existing wearing surfaces from Sec 505.10.6.2.

Sec 216.30.2 – Created section heading.

Sec 216.30.1 Created new section from Sec 216.30.2. Incorporated requirements from Sec 505.10.6.2, which address the removal of epoxy patches encountered when removing seal coat and wearing surfaces.

Sec 216.2.2 – Created new section which incorporates requirements for removal of wearing surfaces when a new surface will be installed.

Sec 216.70.3.3, 216.80.3.2, 216.90.3.3, and 216.100.3.2 – Revised references to reinforcing steel removal in concrete. Indicated that removal is 1" into the

concrete not 1" beyond the surface.

Sec 505

Sec 505.10.6.2 – Relocated wearing surface removal requirements to Sec 216.

Sec 505.10.8.6 – Revised to indicate placement of repair patches to the bottom of the low slump concrete wearing surface.

Sec 702

Sec 702.6.6 - Amended to provide clarification of pile splice payment.

MAJOR REVISION:

Sec 102

Sec 102.7 – Revised to address unit price decimal rounding.

Sec 102.7.12 – Revised fax number for telefaxing subcontractor disclosure forms.

Sec 102.10 – Revised to indicate proper hard copy bid submittal requirements.

Sec 102.13 – Revised language related to public notifications of bids.

Sec 613

Sec 613.20.2.3 – Removed proprietary material reference (Styrofoam) and included language to allow the contractor more flexibility in material choices

Sec 712

Sec 712.10.6 – Revised to clarify quantities shown on the plans for recoating or overcoating are for information only.

Sec 712.10.6.1 – Revised section heading.

Sec 712.10.6.2 – Revised to indicate that measurement of bearings, diaphragms, stiffeners, and other miscellaneous steel will be covered by the area computations of girders or stringers.

Sec 712.10.7 – Deleted section in its entirety.

Sec 712.10.7.1 – Renumbered section as 712.10.6.3.

Sec 712.10.7.2 – Deleted section in its entirety. Renumbered subsequent sections accordingly.

Sec 712.11.3 – Revised to address payment for field preparation and application of field coatings.

Sec 712.11.4 and Sec 712.11.5 - Deleted sections in their entirety. Renumbered subsequent sections accordingly.

Sec – 1029

Sec 1029.6.1– Amended to indicate tie rod alignment holes be included in shop drawings for prestressed concrete solid, voided and box girder beams.

Table I (English and Metric) – Amended tables to incorporate requirements for solid slab, voided slab, and box girder beams into the specifications.

Sec 1080

Sec 1080.2 – Amended materials reference for high strength bolts, nuts and washers to include the AASHTO test method for A490 bolts.

1080.2.5 – Amended section to indicate requirements for installation of A490 bolts.

1080.2.5.1 – Amended to include reference to ASSHTO M 253

1080.2.5.4.5 – Included reference to AASHTO M 253 and tension requirements for A490 bolts.

Sec 1081

Sec 1081.2 – Provided minor word revision.

Sec 1081.4.3.1 – incorporated new section to address blast media and recycling of the blasting material.

Sec 1081.4.3.1 – Renumbered section to 1081.4.3.2. Revised to indicate the contractor must obtain all necessary licenses and certifications from Missouri Department of Health related to lead abatement / removal.

Sec 1081.4.3.2 – Renumbered section to 1081.3.3. Revised to address collection of blast media.

Sec 1081.4.3.3 – Deleted existing section in its entirety.

Sec 1081.4.3.3.1 through 1081.4.3.3.5 – Incorporated new sections to address: notification, management, shipment, and payment for recycling blast media at a lead smelter.

Sec 1081.5.3.1 – Revised to make section more performance-based.

Sec 1081.5.3.1.1 – Incorporated new section regarding environmental regulations.

Sec 1081.5.3.1.1 – Renumbered section to 1081.5.3.2. Revised to address disposal of wastewater determined to be hazardous waste.

Sec 1081.5.3.1.3 – Incorporated new section to address additional requirements for collection of non-lead based residue in addition to requirements in *Sec 1081.4.3.3*.

Sec 1081.5.3.1.2 through 1081.5.3.1.4 – Deleted existing sections in their entirety.

Sec 1081.5.3.1.5 – Renumbered section to 1081.5.3.1.4. Included reference to providing copies of all test reports to MoDOT's Environmental Section as well as to the engineer.

Sec 1081.5.3.2 – Revised to make the section more performance-based.

Sec 1081.5.3.2.1 – Provided blast cleaning as a substitute cleaning method.

Sec 1081.5.3.2.2 – Removed the reference to mechanical cleaning.

Sec 1081.7.2.1 – Incorporated new section to require environmental regulations in accordance with *Sec 1081.4.3.2*.

Sec 1081.7.2.2 – Incorporated new section to require collection of residue in accordance with *Sec 1081.4.3.3* and *1081.5.3.1.3*