

# Design Standards Letter

**Letter Number: S-2008-04**

**Letter Date: 08/29/2008**

**Effective Date: 10/01/2008**

**Section/Plan No.: SEE BELOW**

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

## Body

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The Supplemental Specifications to the *2004 Missouri Standard Specifications for Highway Construction*, effective October 1, 2008 are now available. These revisions will be in effect with the October 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 702

*Sec 702.3.5* – Modified the hammer energy formula for structural steel pile to account for the unit of measure conversion from tons to kips.

### Sec 1047

*Sec 1047.3.4* – Deleted the reference to each pipe section being marked with the Plastic Pipe Institute (PPI) seal.

*Sec 1047.4.1 Subsection (a)* – Replaced the language that requires manufactures to supply a PPI certification with the requirement to furnish National Transportation Product Evaluation Program (NTPEP) certification.

*Sec 1047.4.2 through 1047.3.1* – Replaced the requirements for PPI certifications with NTPEP certifications.

## MAJOR REVISION:

## **Sec 109**

*Sec 109.14* – Added an on-road hauling fuel usage factor.

## **Sec 620**

*Sec 620.2.4.1* – Deleted the English unit of measure for retroreflectivity. Metric is the industry standard for this work.

*Sec 620.2.4.3* - Deleted the English unit of measure for retroreflectivity. Metric is the industry standard for this work.

*Sec 620.10.5.2* – Incorporated twelve-inch stripes.

*Sec 620.20.4* – Incorporated twelve-inch stripes, and modified section reference to 620.10.5.

*Sec 620.30.4* – Modified the section reference for measurement of preformed removable marking tape to 620.10.5.

*Sec 620.40.2* – Amended to incorporate acrylic waterborne pavement making paint.

*Sec 620.40.3.2* – Amended to indicate curing compound to be removed on concrete pavements in accordance with Sec 620.70.3.3.

*Sec 620.40.3.4.3* – Revised to imply contents of this section apply to high build paint.

*Sec 620.40.3.4.4* – Revised to provide application requirements for acrylic waterborne paint. Subsequent sections were renumbered.

*Sec 620.40.4* - Modified the section reference for measurement of pavement marking paint to 620.10.5.

*Sec 620.50.2* – Amended to indicate it will be the contractors responsibility to determine the type of stripe to be removed when pavement stripe removal is included in a contract.

*Sec 620.70.3.5* - Modified the section reference for measurement of epoxy pavement marking to 620.10.5.

*Sec 620.80.3.5* - Modified the section reference for measurement of polyurea pavement marking to 620.10.5.

## **Sec 1048**

*Sec 1048.100* – Amended Sec 1048 to include standard acrylic waterborne pavement marking paint material requirements.