

Design Standards Letter

Letter Number: S-2008-03

Letter Date: 06/27/2008

Effective Date: 08/01/2008

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 August 1, 2008 are now available. These revisions will be in effect with the August 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 105

Sec 105.15.2.1 – Deleted form FHWA-47, Statement of Material and labor Used by Contractors on Highway Construction Involving Federal Funds, as necessary project documentation. FHWA indicated they no longer require this form

Sec 501

Sec 501.3.2 – Revised section to clarify the contractor's ability to formulate their own gradation as long as current performance criteria is satisfied.

Sec 501.12 – Amended to indicate cement content by pounds (lbs.) per cubic yard (y3).

Sec 502

Sec 502.9 – Clarified reference that joints opened more than one-quarter inch are the only joints required to be sealed.

Sec 505

Sec. 505.10.3.1 – Revised the mix design criteria to reference cement content by pounds (lbs.) per cubic yard (y3).

Sec 505.10.4.4 – Revised to allow for varying cylinder sizes for compressive strength testing, as allowed by Sec 502, for pavements less than eight inches thick. Incorporated the option to use the maturity method to determine when pavements may be opened to traffic.

Sec. 505.20.3.1 – Revised the mix design criteria to reference cement content by pounds (lbs.) per cubic yard.

Sec 613

Sec 613.20.2.1.1 – Modified the nominal maximum aggregate size for optimized mixes to match Sec 1005. Gradation E coarse aggregate was incorporated as an alternate to Grade F as allowed by Sec 613.10.2.3.

Sec 613.20.2.2 – Amended to eliminate repetitive text, referenced Sec 613.20.2.1.1 for coarse aggregate requirements.

Sec 1005

Sec 1005.2.1 – Re-incorporated requirements for thin or elongated characteristics from the table for deleterious material that were inadvertently removed.

MAJOR REVISION:

Sec – 502

Sec 502.5.3.1 through 502.5.3.1.7 – Incorporated the optional use of a longitudinal joint forming device to establish joints between the driving lane and shoulder or between two driving lanes.

Sec 502.11.8 and Sec502.11.8.2 – Incorporated new sections to clarify when mix design field adjustments were appropriate over when a new mix design would be necessary.

Sec 612

Sec 612.4.1 – Included the option for impact attenuators to be truck or trailer mounted.

Sec 616

Sec 616.4.2.5 – Revised the time frame regarding when the contractor would receive an order record for non-compliance with correcting deficiencies.

Sec 616.4.2.5.2 and Sec 616.4.2.5.3 – Clarified time lines for the contractor to correct deficiencies, and provided guidelines for steps following non-compliance by the contractor.

Sec 616.10.1 – Deleted Sec 616.10.1 and renumbered subsequent sections accordingly.

Sec 806

Sec 806.4.1 – Revised this section to provide clarity and flexibility with field adjustments to erosion control plans when field conditions require.

Sec 806.30.2.2 - Deleted reference to “silt fence ditch check,” and replaced it with “ditch check”.

Sec 806.30.3.1 – Deleted reference to “silt fence” ditch check, and replaced it with “geotextile fabric fence”

Sec 806.30.3.2 – Provided more flexibility to utilize type 2 ditch checks as approved by the engineer.

Sec 806.30.3.2.1 – Modified the aggregate size for rock ditch checks.

Sec 806.70.2.2 – Deleted this section in its entirety, renumbered subsequent sections accordingly.

Sec 1005

Sec 1005.2.4 –Modified the gradation requirements for Gradation D and E aggregates. The proposed gradations will provide more overlap between the two mixes, which will allow production of more than one product per stockpile or bin.