

Design Standards Letter

Letter Number: S-2013-04

Letter Date: 04/18/2013

Effective Date: 05/01/2013

Section/Plan No.: 1001, 1033, 1049 and 1052

Subject: Revised Supplement to the Standard Specifications

Body

TO: All Central Office and District Offices

FROM: Joseph G. Jones
Engineering Policy Administrator

DATE: April 18, 2013

SUBJECT: Engineering Policy
Standard Specifications Letter No 04, 2013
Revised Supplement to the Standard Specifications

The Supplemental Specifications to the *2011 Missouri Standard Specifications for Highway Construction*, effective May 1, 2013 are now available. These revisions will be in effect with the May 2013 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 1001

Sec 1001.14

Sec 1001.14.10.4 Added entire section, Producer Quality Management, to allow a new method to of accepting precast products. In so doing, the producer assumes a greater role in assuring quality and MoDOT verifies the producer's quality processes.

Sec 1033

Sec 1033.2.1

Sec 1033.2.7 Added to define how the quality management plan will define control

testing and inspection frequencies with minimum requirements for precast drainage units.

Sec 1049

Sec 1049.2.1

Sec 1049.2.7 Added to define how the quality management plan will define control testing and inspection frequencies with minimum requirements for precast concrete box culverts.

Sec 1049.3.6 Revised to clarify that concrete strength, mix designs, and admixtures or blends, need approval from the engineer.

Sec 1049.4 Revised to clarify that designs shall be submitted to the inspecting district.

Sec 1049.4.2 Revised to clarify that producer shall request approval for any modified and special designs.

Sec 1049.5.2

Sec 1049.8 Revised to include additional information that will be required in accordance with the producers' quality management plan.

Sec 1052

Sec 1052.30 Revised to define producers' quality management plan requirements for MSE Panel and Sound Walls.

Sec 1052.30.3.3 Added to require steel reinforcement be in accordance with Sec 1036.

Sec 1052.30.4 Added to clarify that shop drawings will be approved by the Bridge Division if MSE walls are built in conjunction with bridge abutments.

Sec 1052.30.4.1 Revised to require concrete be an approved MoDOT mix that is air-entrained, with a minimum compressive strength of 4,000 psi at 28 days.

Sec 1052.30.5

Sec 1052.30.5.4 Revised to clarify manufacturing, casting, curing, tolerances, panel post systems, panel dimensions, panel squareness, panel surface finish, and other criteria for quality management.

Sec 1052.30.7

Sec 105.30.7.2 Revised to establish and clarify MoDOT identification number for delivery.

Sec 1052.30.9 Revised to clarify documentation required in accordance with Sec 106.15.

Sec 1052.30.10 Revised to clarify bill of lading or delivery receipts, and required information and certification statement.

Sec 1052.40.2 Revised to clarify acceptance of concrete blocks for small block wall systems.

Sec 1052.40.2.1 Added clarification for freeze-thaw testing.

Sec 1052.40.2.2

Sec 1052.40.3.2 Added clarification for testing requirements, compressive strengths, absorption, dimensional tolerances and other criteria such as concrete and aggregate.

Sec 1052.40.4 Revised to require the design and all contents of the mixture and curing method shall be submitted to the engineer for approval prior to use.

Sec 1052.40.5

Sec 1052.40.6 Added requirements for manufacturing, including finish color and certification.