

Design Standards Letter

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Section/Plan No.: S1033.3.5, S1049.24., S101.2, S105.4, S108.1.1, S109.7.3, S502.11.3, S505.10.4.6, S613.2.1, S613.2.3, S725.1.2, S725.1.3, S725.1.4, S725.1.5, S730.1.2, S730.1.3, S730.1.4, S726, S803.3.2, S806.4, S806.4.2, S902.4.1.4, S902.5.10, S902.4.3.3, S902.4.7.7, S903.10, S1005.2.2, S1019.2.1, S1019.3.1.1, S1019.3.1.2, S1026.4, S1026.5, S1033.3.1, S1034.1, S1035.1, S1049.2, S1048.3.1.2, S1070.1.1, S1071.2.1.1

Subject: Revised Supplement to the Standard Specifications

Body

Attached is the latest supplement to the *1999 Missouri Standard Specifications for Highway Construction*. The following is a summary of errata corrections, additions, revisions and deletions to the General Special Provisions and Standard Specifications, which have occurred since January 1, 2000. This supplement is effective with the April 2000 bid opening.

GENERAL SPECIAL PROVISIONS

Revisions "Geographic Reference System Monument", Sec 5.0.
Removed pay item number, description and unit from Basis of Payment.

ERRATA CORRECTIONS

Sec 1033.3.5 Deleted third sentence.

Sec 1049.2.4 Deleted last sentence.

STANDARD SPECIFICATIONS REVISIONS

Sec 101.2 Added "Supplemental Specifications" to definition of Contract Documents. Revised "General Special Provisions" to "Supplemental Specifications" and removed "Job" from "Special Provisions" in definition of Specifications. Amended Sec 101.2 to include definition for "Sec".

Sec 105.4 Added "Supplemental Specifications" and revised "Standard Drawings" to "Standard Plans" in governing ranking of contract documents.

Sec 108.1.1 Removed specialty items, and to compensate, reduced percentage of total contract cost required to be performed by the prime contractor to 40%.

Sec 109.7.3 Removed holding of retainage from material allowances.

Sec 502.11.3 Removed requirement for sawing longitudinal Type M and K construction joints.

Sec 505.10.4.6 Revised to allow reduced concrete density testing when acceptable test results are obtained.

Secs 613.2.1 & 613.2.3 Revised to establish Class A and Class B full depth pavement repairs.

Secs 725.1.2 to 725.1.5 & 730.1.2 to 730.1.4 Removed Group A pipe from specifications.

Sec 726 (all) Revised to incorporate the new AASHTO Rigid Culvert Installation procedures. This revision also removed Group A pipe. Please read carefully.

Sec 803.3.2 Revised to require sod in ditches to be pegged.

Secs 806.4 and 806.4.2 Revised to give resident engineer responsibility to limit the allowable erodible areas on projects and reinstates the resident engineers authority to exceed the allowable erodible acreage limits.

Secs 902.4.1.4 & 902.5.10 Revised to incorporate polycarbonate traffic signal side mount brackets into the specifications.

Sec 902.4.3.3 Revised to allow "ultrasonic testing" as an option for testing steel post and mast arm welds.

Sec 902.4.7.7 Amended Sec 902.4.7 to incorporate specifications for detector loop sealant.

Sec 903.10 Amended Sec 903 to incorporate the "Temporary Ground Mounted Logo Signs" job special provision into the standard specifications. However, the JSP language was revised to include all temporary ground mounted signs, not just logo signs.

Sec 1005.2.2 Removed old test method for tensile strength of mortar that is no longer in widespread use.

Secs 1019.2.1, Revised to allow blended pozzolan or slag/cement mixtures as an alternate to **1019.3.1.1** & interground mixtures, as allowed by AASHTO specifications.

1019.3.1.2

Secs 1026.4, Revised to allow Ground Granulated Blast Furnace Slag (GGBFS) as a cement **1026.5**, **1033.3.1**, substitute, similar to that allowed for fly ash.

1034.1, **1035.1**

and 1049.2

Sec 1048.3.1.2 Revised to limit the lead in thermoplastic material.

Sec 1070.1.1 Revised to reduce unnecessary testing requirements and removed an old tensile strength test method no longer in widespread use.

Sec 1071.2.1.1 Removed references to sections of AASHTO T 59 and instead refers to the proper paragraphs of the specification.

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Attachments