

# Design Standards Letter

Letter Number: **G-1993-08**

Letter Date: **07/22/1993**

Effective Date: **10/01/1993**

Section/Plan No.: **S0102, S0402, S0403, S0604, S0616, S0620, S0703, S0725, S0726, S0729, S0730, S1002, S1036, S1048, S1050, S1051**

Subject: **1993 Edition of Missouri Standard Specification Book - Revised General Special Provisions - Revised D-14**

## Body

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We are now in the process of distributing the 1993 edition of the Missouri Standard Specifications for Highway Construction. The 1993 edition will be effective for projects in the October, 1993 letting. Enclosed are revised General Special Provisions, a revised D-14 sheet and a Errata Sheet pertaining to the 1993 edition of the Missouri Standard Specifications book. These revisions are effective with the October, 1993 letting. Below is a brief summary of the revisions.

### Sec 102: Bidding Requirements and conditions

Section 102.2 revises the requirements of the contractor's financial data disclosure submitted on the contractor questionnaire.

VOIDED Section 102.5 revises the procedures for performing subsurface borings and site investigations to provide more borings where excavation, drilling or other subsurface work will occur.

Section 102.5 is revised to provide additional disclaimers regarding subsurface information.

Section 102.6 is revised to allow the inclusion of computer generated itemized proposal sheets.

### Sec 105: Control of Work

Section 105.17 is a new section requiring that the venue for any contract actions against the Commission be in Cole County, Missouri.

### Sec 109: Measurement and Payment

Section 109.5 is revised to allow for partial payment of structural steel which has been produced and delivered by the steel mill to the fabricator and is limited to contracts with more than 250 tons of steel.

### Sec 402: Plant Mix Bituminous Surface Leveling

Section 402.10 is revised to implement and clarify the placement of temporary

raised pavement markers with respect to the longitudinal joint.

**Sec 403: Asphaltic Concrete Pavement**

Section 403.19.2 is revised to implement and clarify the placement of preformed pavement marking tape with respect to the longitudinal joint.

**Sec 604: Miscellaneous Drainage**

Section 604.60 through 604.65 are new sections added to provide specifications for furnishing and installing slotted drains.

**Sec 616: Traffic Control Plan**

Section 616.3.2.4 is a new section added to require the inspection of the traffic control plan after it is initially implemented on the project and when any significant changes occur thereafter.

Section 616.3.2.5 is a new section added to require the contractor to conduct visual inspections of the traffic control devices on a project and to submit a written report to the engineer on a weekly basis.

Section 616.3.2.6 is a new section added to require the contractor to give written notice to the engineer of any work zone accidents.

**Sec 620: Pavement Marking**

Section 620.13.1 is revised to allow only Type 1 Preformed Marking Tape and to clarify its installation.

**Sec 703: Concrete Masonry Construction**

Section 703.3.14.5 is revised to allow the use of a finned float as a concrete surface texturing device.

**Sec 725: Metal Pipe and Pipe-Arch Culverts**

Section 725.1.2 is revised to combine Group I and II for pipes used with shallow fill heights and labeling it as Group A. Group III classification of pipe is retained as shown and relabeled as Group B.

**Sec 726: Rigid Pipe Culverts, Storm Drains, and Sewers**

Section 726.1.2 is revised to combine Group I and II for pipes used with shallow fill heights and labeling it as Group A.

Group III classification of pipe is retained as shown and relabeled as Group B.

**Sec 729: Placing State Owned Pipe**

Section 729.4.1 is revised to clarify the basis of payment for placing state-owned pipe.

**Sec 730: Polyethelene Pipe Culverts**

Section 730.1.2 is revised to combine Group I and II for pipes used with shallow fill heights and labeling it as Group A.

Group III classification of pipe is retained as shown and relabeled as Group B.

**Sec 1002: Aggregate for Asphaltic Concrete**

Section 1002.1.1.1 and 1002.1.3 are revised to address all asphaltic concrete mixtures rather than just Type I-B and I-C.

**Sec 1036: Reinforcing Steel for Concrete**

Section 1036.1.2, 1036.1.3 and 1036.2 are revised to permit deformed steel wire fabric in addition to smooth steel wire fabric.

**Sec 1048: Pavement Marking Materials**

Section 1048.4.6.3 through 1048.4.6.6.2 are deleted in their entirety.

**Section 1048.4.6.2.2 is a new section added to provide the glass bead acceptance requirements.**

**Sec 1050: Lumber, Timber, Piling, Posts and Poles**

**Section 1050.6.4 is revised to allow Copper Naphthenate for repair purposes.**

**Section 1050.6.5 is deleted in its entirety.**

**Section 1050.6.6 and 1050.6.7 are renumbered to 1050.6.5 and 1050.6.6 respectively.**

**Section 1050.8.1 through 1050.8.3 are revised to require the contractor to pay the cost of inspection at locations outside the state of Missouri and outside 100 miles from the state line.**

**Section 1050.8.4 and 1050.8.5 are added to clarify the supplier certification requirements of materials.**

**Sec 1051: Slotted Drains**

**Section 1051.1 through 1051.4 are new sections added to provide material specification for fabrication of slotted drains.**

**vji/kd**