

Design Standards Letter

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Section/Plan No.: S101.1, S203.2.5, S301.9, S301.9.3, S613.1.1, S613.2.3, S613.3.2, S613.4, S710.3.2.1, S712.2.1.1, S730.1, S806, S901.3.1, S901.4.4.6.1, S901.4.5.4, S902.3.1, S902.5.2.2, S903.2.3, S1042, S1045.6.4

Subject: Revised Supplement to the Standard Specifications

Body

 Questions concerning the distribution of the revised Supplement to the Standard Specifications should be directed to General Headquarters, Design Standards Section, telephone numbers 573-526-2919 or 573-526-2903.

NOTE	EXPLANATION
1	The following revisions are effective with the January 2001 bid opening.
SECTION	DESCRIPTION OF REVISION
GSP	<u>White and Yellow Acrylic Waterborne Traffic Marking Paint</u> - added provisions for using Type I moisture-resistant beads unless otherwise noted.
GSP	<u>Alternate Temporary Erosion Control Methods</u> - requires alternate temporary erosion control measures to be pre-approved, and provides alternate products for sites meeting certain conditions.
101.1	Added National Transportation Product Evaluation Program (NTPEP) abbreviation.
203.2.5	Changed to clarify the intent to remove all rock in a cut to ensure proper drainage.
301.9	Increased allowable compacted thickness of base course from 3 in. to 4 in. for the uppermost layer.
301.9.3	Revised to provide the maximum uniform coverage over a natural joint created by the addition of base widening.
613.1.1	Added the word "pavement" to clarify the sentence.
SECTION	DESCRIPTION OF REVISION

613.2.3	Requires full depth pavement repairs exceeding 10 ft be constructed with tie bars along the longitudinal centerline joint.
613.3.2	Specifies measurement for drilling tie bar holes and furnishing and installing tie bars will be made per tie bar.
613.4	Changed basis of payment from 1/10 square yard to the accepted quantities of each pay item at the contract unit price.
710.3.2.1	Revised to allow the use of epoxy-coated wire supports or plastic bar supports for epoxy coated bars.
712.2.1.1	Removed the 6-mil limit on galvanizing thickness for anchor bolts.
730.1	Revised Table I increasing the allowable size of corrugated polyethylene pipe allowed for use on projects and adjusted the minimum and maximum overfill heights accordingly.
806	Includes major revisions to address important erosion issues at problem construction sites, including in and around streams, rivers and other bodies of water, in an effort to retain MoDOT's NPDES general permit from DNR.
901.3.1	Removed the 6-mil limit on galvanizing thickness for anchor bolts.
901.4.4.6.1	Reduced the accommodating wire size requirements in Type A circuit breakers from 4/0 to 2/0.
901.4.5.4	Requires two I-beams for mounting the Type 2 (Pedestal) Power Supply.
902.3.1	Removed the 6-mil limit on galvanizing thickness for anchor bolts.
902.5.2.2	Increased from 5 ft to 8 ft of earth contact for grounding rods on controller bases.
903.2.3	Removed the 6-mil limit on galvanizing thickness for anchor bolts.
1042	Revised to bring MoDOT specifications in line with ASTM and Federal specifications and eliminates the need for DSP-98-22A, Type 4 Wide Angle Prismatic Retroreflective Sheeting.
1045.6.4	Revised to require a color contrast between the primer and finish coat for structural steel.