

# Design Standards Letter

**Letter Number: S-2001-04**

**Letter Date: 06/29/2001**

**Effective Date: 10/01/2001**

**Section/Plan No.: S101.1, S102.1, S102.2.5, S105.16.3, S105.16.4, S105.16.5, S201, S206.5.2, S403.20, S403.24, S502.14, S502.19.5, S504, S616.2.2, S616.2.2.1, S616.2.2.2, S726.8.2, S726.8.3, S726.8.4, S730.6.3, S735, S1045, S1050.4, S1057.1.1, S1061.2, S1061.7, S1061.9**

**Subject: Revised Supplement to the Standard Specifications**

## Body

Questions concerning the Supplemental Revisions to the Standard Specifications should be directed to Kirsten Munck, General Headquarters, Design Standards, at 573-526-2919 or David Silvester at 573-526-2903.

NOTE	EXPLANATION
<b>1</b>	The following revisions are effective with the October 2001 bid opening.
SECTION	DESCRIPTION OF REVISION
<b>GSP's</b>	All reference to the "State Materials Engineer"; "Division Engineer, Materials"; "State Construction Engineer"; and the "Division Engineer, Construction" have been changed to the "State Project Operations Engineer."
<b>101.1</b>	Added "NCHRP 350" to the definitions.
<b>102.1 &amp; 102.2.5</b>	Design has changed the policy for providing and publishing the Notice of Bid Opening. Reference to mailing out the Notice of Bid Opening when the Commission has in its possession a valid contractor questionnaire in Sec 102.1 has been removed to reflect the new policy. Sec102.2.5 was revised to remove reference to the submittal of a license to the Commission, which is not one of MoDOT's current requirements.
<b>105.16.3, 105.16.4 &amp; 105.16.5</b>	Changes some of the procedures for claims filing and changes the dates for submitting claims. This change is in accordance with the previous changes incorporated regarding the department's position on withholding retainage.
<b>201</b>	Includes major revisions to address concerns regarding the extensive time involved in data collection for inspectors and the accuracy of current measuring requirements for actual clearing work required.

<b>206.5.2</b>	Reference to Sec 726.8.2(a) was changed to reference Sec 726.7.2 for the measurement of Class C Excavation.
<b>403.20 &amp; 403.24</b>	Includes major revisions to these sections regarding profilographing asphaltic surfaces, specifically addressing clarification for when profilographing is not required and reducing payment of 100% to 97% for pavement smoothness corrected to less than 30.0. The specification was also reformatted to reflect a more logical sequence.
<b>502.14 &amp; 502.19.5</b>	Includes major revisions to these sections regarding profilographing concrete surfaces, specifically addressing clarification for when profilographing is not required and reducing payment of 100% to 97% for pavement smoothness corrected to less than 30.0. The specification was also reformatted to reflect a more logical sequence.
<b>504</b>	Clarified the expectation that the base is to be furnished and placed as a function of the concrete approach pavement. Basis of payment was changed to bring the specification in line with current practice.
<b>616.2.2, 616.2.2.1 &amp; 616.2.2.2</b>	Amended Sec 616 to include these sections that require that all traffic control devices conform to the criteria and standards set forth in NCHRP 350. Contractors shall furnish a manufacturer's certification that the traffic control device complies with the crash test requirements of NCHRP 350 and that it has met FHWA approval.
<b>726.8.2, 726.8.3 &amp; 726.8.4</b>	Sec 726.8.2 regarding payment for Class A bedding was deleted from the specifications. Secs 726.8.3 and 726.8.4 were renumbered to reflect the change.
<b>730.6.3</b>	Reference to fill embankment for polyethylene pipe was removed from this section, as it is not suitable for polyethylene pipe.
<b>735</b>	Revised Table 1 to accommodate the use of 15" PVC pipe liner.
<b>1045</b>	Some of the changes include major revisions to incorporate the use of the high solids version of inorganic zinc silicate paint in order to meet VOC requirements. Updated Sec 1045.5, High Solids Inorganic Zinc Silicate Coating, to clarify MoDOT requirements for manufacturer and brand name approval and to incorporate changes to requirements in AASHTO M 300. Sec 1045.6, High Solids Epoxy System G Intermediate Coating, was updated to clarify MoDOT requirements for manufacturer and brand name approval, in particular MoDOT requirements for accelerated weathering performance. Several other changes regarding color change requirements, test panel preparation, physical property requirements and specific test methods to be used were made to this section as well.
<b>1050.4</b>	Sec 1050.4.2 was created to address span wire assembly pole specifications separately from electric substation and service poles. A minimum diameter across the top of the span wire assembly pole was specified as a new requirement.
<b>1057.1.1</b>	Revised to allow the use of Techtyl 506 bond breaker material in lieu of

	the graphite grease application on dowel bars and baskets.
<b>1061.2, 1061.7 - 1061.9</b>	Added the reference to IMSA for induction loop detector cable, clarified requirements for multi-conductor cable, induction loop detector cable, and loop detector lead-in cable and made minor grammatical revisions.

dmh/km-de

Attachments