

Design Standards Letter

Letter Number: P-2001-02

Letter Date: 03/30/2001

Effective Date: 07/01/2001

Section/Plan No.: P203.20E, P203.21G, P203.50L, P604.10E, P604.11E, P604.12E, P604.13E, P604.14E, P604.15E, P604.28F, P606.00AK, P606.00AJ, P606.01, P607.10T, P607.11E, P609.00J, P609.40J, P611.60N, P612.20A, P613.00G, P617.00AC, P702.02D, P703.60E, P706.35G, P712.40G, P806.10C, P901.01Y, P902.30N, P902.80D, P903.02AC

Subject: Supplemental Revisions to the Missouri Standard Plans for Highway Construction

Body

 Questions concerning the distribution of the Supplemental Revisions to the Missouri Standard Plans for Highway Construction should be directed to General Headquarters, Design Standards Section, telephone numbers 573-751-4659.

Please note that Standard Drawing 606.01 represents a major revision for guardrail protection in medians. This new design will require significant changes for upcoming projects.

Below are the revisions to the October, 2000 edition of the Missouri Standard Plans for Highway Construction.

NOTE	EXPLANATION
1	The following revisions are effective with the July, 2001 bid opening.
STD. PLAN NO.	DESCRIPTION OF REVISION
M203.20E	Errata correction in Superelevation and Widening Table note. Letter designation and effective date remain unchanged.
203.21G	Correction of the superelevation runout length equation for divided highways.
203.50L	
604.10E	Errata correction of Island Detail note to refer to Concrete Median Strip. Letter designation and effective date remain unchanged.
	Errata correction in General Notes. Drawing upgraded to dual units format.

604.11E	Errata correction in General Notes. Drawing upgraded to dual units format.
604.12E	Errata correction in General Notes. Drawing upgraded to dual units format.
604.13E	Errata correction in General Notes. Drawing upgraded to dual units format.
STD. PLAN NO.	DESCRIPTION OF REVISION
M604.13E	Errata correction in General Notes. Drawing and Reinforcing Steel Table errata concerning E2 bar also corrected. Drawing upgraded to dual units.
604.14E	Errata correction in General Notes. Drawing and Reinforcing Steel Table errata concerning E3, F3, and G1 bars also corrected. Drawing upgraded to dual units format.
M604.14E	Errata correction in General Notes. Drawing and Reinforcing Steel Table errata concerning A4, A7, B1, D7, E3, F3, and G1 bars also corrected. Drawing upgraded to dual units format.
604.15E	Errata correction in General Notes. Errata concerning A4 and D3 bars also corrected. Drawing upgraded to dual units format.
M604.15E	Errata correction in General Notes. Drawing and Reinforcing Steel Table errata concerning A4, A7, D7 and F3 bars also corrected. Drawing upgraded to dual units format.
604.28F	No change at this time. For historical purposes, the new tables added in 1997 are now noted.
606.00AK	<i>Sheet 1 of 10.</i> Formerly enumerated 1 of 8. Note was removed that pertained to the use of Type A Flared Crashworthy End Terminals when selected in Special Provisions.
606.00AJ	<i>Sheets 2 and 3 of 8.</i> These two standards have been replaced with new designs for median protection. See Standard Plan 606.01.
606.00AK	<i>Sheets 2 through 5 of 10.</i> Formerly enumerated 4 through 7 of 8.
606.00AK	<i>Sheet 6 through 10 of 10.</i> Sheet 6 of 6 formerly enumerated 8 of 8. Revisions pertaining to embedded guardrail include the inclusion of a rubrail.
606.01	<i>Sheets 1 through 13 of 13.</i> New standard drawing for the Bullnose Guardrail System. This replaces the current drawings for protection of piers in the median and provides a new design for guardrail protection of twin bridges on dual lane facilities.
607.10T	

Information for some post dimensions and weights that was removed in a past revision was reintroduced.

STD. PLAN NO.	DESCRIPTION OF REVISION
607.11E	Errata correction. Drawing upgraded to dual units format.
609.00J	General note revision to specify 4" (100 mm) Type 5 aggregate base to extend 18" (450 mm) beyond the curb and gutter.
609.40J	<i>Sheet 1 of 2.</i> Minor errata correction and addition of a note to install 2' x 2' (610 mm x 610 mm) drop inlets on 4' (1.2 m) or narrower shoulders.
611.60N	Drawing upgraded to dual units format.
M611.60N	Errata correction. Drawing upgraded to dual units format.
612.20A	Renumbered row numbers to correct logical order from barrier.
613.00G	<i>Sheet 1 of 2.</i> Diagram references to "dowel" revised to "dowel basket" to recognize the use of baskets in the pavement repair.
617.00AC	<i>Sheet 1 of 2.</i> Errata correction of sheet number in General Notes and a dimension in the Barrier for Stepped Pavement diagram. Letter designation unchanged.
702.02D	Errata correction. Drawing upgraded to dual units format.
703.60E	Errata correction. Drawing upgraded to dual units format.
706.35G	Drawing upgraded to dual units format.
M706.35G	Errata correction and steel designation update in General Notes. Drawing upgraded to dual units format.
712.40G	Drawing upgraded to dual units format.
M712.40G	Minor errata correction in General Notes. Drawing upgraded to dual units format.
806.10C	<i>Sheets 1 through 6 of 7.</i> Formerly enumerated 1 through 6 of 6.
806.10C	<i>Sheet 7 of 7.</i> New sheet for temporary erosion control measures for bridges and box culverts at stream crossings.
901.01Y	<i>Sheet 1 of 3.</i> Errata correction. Letter designation and effective date remain unchanged.

STD. PLAN NO.	DESCRIPTION OF REVISION
902.30N	<i>Sheet 1 of 2.</i> A reference to an ASTM was deleted from the anchor bolt note.
902.80D	Symbols, not letters, are to be used for a few additional applications. Also, miscellaneous errata corrections.
903.02AC	Errata correction. Letter designation and effective date remain unchanged.

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Attachments