

# Design Standards Letter

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**Section/Plan No.: P605.10D, P606.00AH, P613.00F, P617.00AC, P617.00AB, P617.10A, P731.00T, P732.05B, P806.10B, P901.01Y, P903.12R**

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

**Body**

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 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 or 573-526-2903.

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 January, 2001 bid opening.

STD. PLAN NO.	DESCRIPTION OF REVISION
<b>M605.10D</b>	<i>Sheet 1 of 2.</i> Errata correction changing the 100mm diameter perforated pipe to 150mm diameter to agree with the Missouri Standard Specifications for Highway Construction and the English drawings.
<b>606.00AH</b>	<i>Sheet 1 of 8.</i> Errata correction changing the distance from the face of the guardrail to the outer edge of the shoulder slope 3'-5" (1040mm).
<b>606.00AH</b>	<i>Sheet 4 of 8.</i> The width of the wood and steel posts for Type A and D guardrail was provided. Errata correction for the fifth general note to read "holes in solid rock shall provide a diameter of not less than 4 inches (100mm)"
<b>606.00AH</b>	<i>Sheet 5 of 8.</i> Errata correction changing the distance from the face of the Type E guardrail to the outer edge of the shoulder slope to 3'-5" (1040mm).
STD. PLAN NO.	DESCRIPTION OF REVISION

<b>613.00F</b>	<i>Sheet 1 of 2.</i> In the upper center diagram, "Diamond Saw Cut" has been replaced with "Use 'L' joint if length of repair is equal to or greater than 10'. Under Details A and B, the notes "Saw longitudinal joint full depth between transverse cuts" has been removed. Under Detail A, "or tie bar" has been removed from Note 5. Under Detail B, "or tie bar" has been removed from Note 4.
<b>613.00F</b>	<i>Sheet 2 of 2.</i> In the upper left diagram, "Existing contraction joint" and "Dowel and saw cut only if 10' or more to the nearest new joint" have been removed. In the Section D-D diagram, "Dowel and saw cut only if 10' or more to the nearest new joint" has been removed. In the upper center diagram and Section E-E, "Dowel and saw cut only if 10' or more to the nearest new joint" has been removed. Under Detail D, "dowel bar" has been removed from Notes 5 and 6. Under Detail E, "dowel bar" has been removed from Notes 4 and 5.
<b>617.00AC</b>	
<b>617.00AC</b>	<i>Sheet 1 of 2.</i> Explanation added stating the Barrier Height Transition may be installed when barrier is outside of the clear zone.
<b>617.00AB</b>	<i>Sheet 2 of 2.</i> The "Left Turn Lane Transition" and "Median Opening Transition" diagrams were revised to portray crashworthy end treatments instead of concrete traffic barrier.
<b>617.10A</b>	<i>Sheet 3 of 3.</i> This sheet is no longer to be used and has been deleted from the Standard Plans.
<b>731.00T</b>	Bridge Pier Protection diagram title revised to "Bridge Pier and MSE Wall Protection". A note pertaining to the drawing was added that states "Used in any case where integral barrier protection is needed." A General Note for drainage to be accommodated by weep holes was also added.
<b>732.05B</b>	Added "or C-923" to General Notes.
<b>732.05B</b>	<i>Sheet 1 of 2.</i> Beveled Pipe End Treatment diagrams clarified for highway and driveway applications. Sheet 1 of 2 pertains only to highway applications. General notes revised to include information for anchor bolts.
	<i>Sheet 2 of 2.</i> This new sheet details applications for driveways.
<b>806.10B</b>	<i>Sheet 1 of 6.</i> Formerly enumerated 1 of 5.
<b>STD. PLAN NO.</b>	<b>DESCRIPTION OF REVISION</b>
<b>806.10B</b>	<i>Sheet 2 of 6.</i> This sheet now details only Silt Fence Ditch Checks and Straw Bale Ditch Checks and its title revised to include a subtitle of "Type I". Note pertaining to engineering fabric added for "Ditch Application Details". General notes removed. Formerly enumerated 2 of 5.

<b>806.10B</b>	<i>Sheet 3 of 6.</i> This new sheet includes the revised Rock Ditch Check (formerly "Temporary Rock Ditch Check") diagram and the new Sand Bag Ditch Check diagram.
<b>806.10B</b>	<i>Sheet 4 of 6.</i> Formerly enumerated 3 of 5.
<b>806.10B</b>	<i>Sheet 5 of 6.</i> Formerly enumerated 4 of 5.
<b>806.10B</b>	<i>Sheet 6 of 6.</i> Formerly enumerated 5 of 5.
<b>901.01Y</b>	<i>Sheet 2 of 3.</i> In the English version, an errata correction was made to change "1675mm" to "66" in the General Notes.
<b>903.01F</b>	The ampersand, apostrophe and hyphen are included in the standard alphabet. The presence of their drawings and tables in the standard plans were deemed unnecessary and have been removed.
<b>M903.12R</b>	<i>Sheet 3 of 5.</i> An errata correction from 150mm to 50mm for the threaded portion of the anchor bolt in the "Part Elevation" diagram.

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Attachments