

# Design Standards Letter

**Letter Number: P-1999-04**

**Letter Date: 09/29/1999**

**Effective Date: 01/01/2000**

**Section/Plan No.: P504.00E, P605.10C, P606.41B**

**Subject: Supplemental Standard Plans Revisions**

## Body

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Attached is the latest complete supplement to the October 1999 *Missouri Standard Plans for Highway Construction*, English and Metric versions. The following is a summary of each errata correction, revision, addition and deletion which has occurred since October 1999. This supplement is effective with the January 2000 bid opening.

## ERRATA CORRECTIONS

None

## REVISIONS

**504.00E Sheet 1 of 2.** Changed scale of transverse joint spacing to allow a more uniform appearance. Clarified locations of reinforced concrete pavement. Changed center longitudinal joint to K or L for square multi-lane approach pavements.

**605.10C Sheet 2 of 2.** Corrected transposed base layers for heavy duty flexible and rigid pavements. Changed title of edge drains to 'pipe-aggregate pavement underdrains' to more closely comply with the terminology of the Standard Specifications and the Project Design Manual.

**606.41B Sheet 1 of 4.** Edited general notes to prohibit the installation of median cable systems on cross slopes steeper than 6:1 (1:6). Added general note requiring median protection in areas of cross slope steep than 6:1 (1:6) to consist of two systems, in the roadside configuration, placed at the inside shoulder points of the traveled ways in both directions. Edited general note to prohibit the installation of roadside cable on cross slopes steeper than 6:1 (1:6).

**Sheet 2 of 4.** Corrected the 25° deflection angle to begin at the beginning of the guardrail terminal anchor section for the median obstacle protection plan. Denoted upper cable for proper orientation in the guard cable to guardrail transition anchor. Changed depiction of anchor block for guard cable to guardrail transition to round in order to more accurately represent the product. Added note requiring a guardrail protection of the backside of any

guard cable to guardrail transition at median bridge ends that encroaches into the opposite direction clear zone.

**Sheet 3 of 4.** Added details for guard cable to guardrail transition terminal anchor assembly. Added note advising of the required location of the transition from two-sided cable to one-sided cable.

**Sheet 4 of 4.** Added details for guard cable to guardrail transition anchor bracket and turnbuckle cable end assembly. Revised dimensions on median and roadside cable anchor bracket.

## **ADDITIONS**

None

## **DELETIONS**

None

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Attachments