

# Design Standards Letter

**Letter Number: P-1996-06**

**Letter Date: 12/17/1996**

**Effective Date: 12/17/1996**

**Section/Plan No.: P606.00**

**Subject: Revised Standard Plans (English and Metric) and Revised D-2 Sheets**

## Body

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In accordance with the new policy for signing and sealing plans outlined in General Letter No. 15, 1996, a new procedure for implementing revisions to the Missouri Standard Plans for Highway Construction has been developed. The Standard Plans book will now be printed and distributed once each year in an 11" x 17" format. As standard plans are revised throughout the year, the revisions will be issued as Special Sheets with the same title as the Standard Plans. A description of the revisions will be provided in a Standard Plans Letter, along with an 8.5" x 11" printed copy of the Special Sheets. When the next Standard Plans book is printed, all revised Standard Plans from the previous year will be incorporated.

Each Special Sheet will receive a number designating both the year of the Standard Plans book to be revised and the Special Sheet number for that year (i.e. Special Sheet 97.2 to designate the second Special Sheet of 1997). This number will aid in identifying multiple revisions to a single Standard Plan within a single year.

Most of the currently existing Special Sheets are not revisions to Standard Plans. Additional Special Sheets that are not revisions to Standard Plans may also be created in the future. These Special Sheets will still be available for use by the Districts, and may or may not become Standard Plans at some point in the future, depending on use and perceived need.

Also included in the Standard Plans Letter will be a printed copy of a revised D-2 sheet. On the revised D-2 sheet, the checkbox field for each revised Standard Plan will contain double asterisks. These double asterisks refer to a note on the D-2 requiring use of the Special Sheet instead of the Standard Plan. The revised Standard Plan shall not be checked on the D-2. Instead, the Special Sheet is to be included in the project plans by the Project Manager if it applies to the project.

An electronic copy of the Special Sheet(s) and the revised D-2 sheet will be made available to the district office through the CADD system. The electronic copies will be sent to the districts as close to the time of receipt of the Standard Plans Letter as possible.

Revisions to the Guardrail Standard Plan (606.00) were included as a Special Sheet in

General Letter No. 14, 1996. These revisions are effective with the March, 1997 bid opening. A description of the revisions is included below. These are exactly the same revisions as described in the General Letter. Attached are printed copies of this Special Sheet, and a D-2 sheet revised as described above. The Special Sheet and revised D-2 will be available on the CADD system.

Revised Standard Plans:

Standard Plan 606.00: Guardrail (8 sheets)

Sheet 1 of 8

This sheet now includes details showing grading limits for both flared and non-flared guardrail end treatments.

Sheet 2 of 8

The details for protecting piers at the centerline of 60' (18.0 m) or greater medians were moved to a new sheet and the detail was revised to show a factory-formed radius at the bend in the Type E guardrail.

Sheet 3 of 8

New sheet to show details for protecting piers at the centerline of medians less than 60' (18.0 m) in width.

Sheets 4 of 8 thru 8 of 8

These sheets have minor revisions and details have been moved among sheets to better organized similar details.

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Attachments