

Design Standards Letter

Letter Number: P-1997-03

Letter Date: 12/09/1997

Effective Date: 03/01/1998

Section/Plan No.: P606.00, P903.01, P903.02

Subject: New Policy for Revised Standard Plans

Body

This letter rescinds Standard Plans Letter No. 6, 1996. Effective immediately, the policy concerning revisions to the Standard Plans is as follows:

Significant revisions; those that change the scope of the plan; will be published as they become necessary. These changes will result in an advancement of the revision series letter (*i.e.* 903.01D will become 903.1E). For purposes of consistency in electronic filing, both English and Metric plans will share the same revision series letter. This letter will be that of the current English edition of the plan.

Unless they substantially change the plan, errata corrections will only be made at the time that the bound volume is published. These changes will not result in an advancement of the drawing's revision series letter, although, all drawings in the September 1, 1998 bound volume of the Metric Standard Plans will be changed to reflect the same letters as the English equivalents. This is being done in order to transition to the naming policy mentioned above.

The bound volumes of both the English and Metric Standard Plans will be distributed in June and become effective on September 1 of each year published.

The current method of binding the plans in the 11" x 17" format using rigid plastic bindings is believed to be the most cost effective and efficient manner in which to present the bound volume. Unfortunately, this method does not lend itself well to revision. Consequently, the revisions that occur between publications will be published and distributed under separate cover as an addendum to the bound volume. This addendum, which will be in an 8-1/2" x 11" format, will also be inserted into bid proposal packages and bound into final construction contracts as required by law.

It is suggested that, upon receipt of the revisions, those who hold Standard Plans indicate that the bound plan is void and make reference to the revised plan.

The following is a listing of the revised English and Metric standard plans with a brief description of each. The revised standard plans are effective with the March, 1998 bid opening.

REVISED ENGLISH AND METRIC STANDARD PLANS

606.00AD GUARDRAIL

Sheet 1 of 8

A detail for a non-flared offset installation was added as per FHWA recommendation.

Sheet 3 of 8

The type of guardrail used for median bridge pier protection was changed from Type A (W beam) to Type E (thrie beam) in order to allow a 2-foot offset from the obstacle, as opposed to 4-feet. Direct reference to the "CAT-350" was changed to "approved Type B crashworthy end terminal" since four products are now defined by special provision DSP-97-12, Type B Crashworthy End Terminal, as approved end terminals.

903.01E SPECIAL SIGNING CHARACTERS

All references to button reflectors and mounting holes were deleted since the use of type L-2, demountable (type 2 reflective sheeting on 0.032 inch thick aluminum); and type L-4, raised aluminum frame with embedded reflectors (button copy), legend has been discontinued.

903.02AB HIGHWAY SIGNING

Sheet 1 of 9

Formerly 1 of 8. The use of type L-2, demountable (type 2 reflective sheeting on 0.032 inch thick aluminum); and type L-4, raised aluminum frame with embedded reflectors (button copy), legend was discontinued. Type L-3, direct applied (cut from material shown on plans), legend was substituted for the previous two types. Type 4 (wide angle prismatic) reflective sheeting was added to the list of reflective sheeting types and was specified as the material from which the type L-3 legend, used in place of L-2 or L-4, is to be cut. General sign data tables were added in order to standardize the presentation of pertinent sign details. Structural sign widths were limited to 1-foot increments in order to provide consistency in the bolt

patterns of the extruded panels.

Sheet 2 of 9

Formerly 2 of 8. The use of type L-2 and type L-4 legend was discontinued, with type L-3 specified as the substitute. General sign data tables were added and structural sign widths were limited to 1-foot increments. "EXIT ONLY" panel heights increased to 36 inches in order to be more compatible with sheeting application methods. Vertical divider lines were removed from lane control signs with route shields in order to more closely comply with the MUTCD.

Sheet 3 of 9

Formerly 3 of 8. The use of type L-2 and type L-4 legend was discontinued , with type L-3 specified as the substitute. General sign data tables were added and structural sign widths were limited to 1-foot increments. Exit number panels were required to be mounted flush with the exit side of the guide sign in order to more closely comply with the MUTCD.

Sheet 4 of 9

Formerly 4 of 8. General sign data tables were added.

Sheet 5 of 9

Formerly 5 of 8. General sign data tables were added. Details for signs R2-1 through R2-1C (speed limit 55, and speed limit 65) were eliminated due to conflicting dimensions and non-standard designations. Sign R2-1 (speed limit 70) was used to replace the previously mentioned signs along with a note advising of the necessity of other speed legends. Dimensions for single size signs were shown directly on the details instead of in tables.

Sheet 6 of 9

Formerly 6 of 8. General sign data tables were added.

Sheet 7 of 9

Formerly 7 of 8. The plan was divided to consist only of the

interstate portion of the standard shields for independent and guide sign use. General sign data tables were added. Additional columns were added to the dimension tables to denote the specific sign locations or applications in which to employ the various shield sizes. Dimensions for the layout of the business spur or loop shield were added. Type 4 (wide angle prismatic) reflective sheeting was specified for use on guide sign shields, and electronic cuttable film was offered as a substitute for type L-1 (screen print) backgrounds.

Sheet 8 of 9

Formerly 7 of 8. The plan was divided to consist only of the U.S., state, and supplementary portion of the standard shields for independent and guide sign use. General sign data tables were added. Additional columns were added to the dimension tables to specify the specific sign locations or applications in which to employ the various shield sizes. Type 4 sheeting was specified for use on guide sign shields.

Sheet 9 of 9

Formerly 8 of 8. The plan was renumbered. No other significant revisions were made.

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Attachments