

Design Standards Letter

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Section/Plan No.: None

Subject: Standard Drawings

Body

ALL DIVISION , DISTRICT AND URBAN ENGINEERS:

The Design Committee has approved the elimination of extruded sign panels and the adoption of an optional type of sheet increment sign. This permits the use of shorter design posts since it is only necessary for the top of the post to extend up to above the top stringer on a sheet increment sign panel.

Under separate cover we are sending you several copies of new and revised 8 1/2" x 11" standard drawings for signing. The revised standards will be effective for all projects which have not been submitted as of this date.

Standard Drawing 72.02. Sheets 1, 2, 3, 4, 5, 6, and 10 have been revised by eliminating all references to Detail Sign Corner treatment since sheet increment signs will have rounded corners. The 8.5 pound post cutoff has been changed from an angle of 60⁰ to 45⁰ , which reduces the cutoff from 3.4 pounds to two pounds.
A clamp type sign support for round posts has been added to Sheet Five of this series.

Standard Drawing series 72.03, consisting of five sheets, has been revised as follows:

Sheet 1. Changed cutoff angle at top of posts from 60⁰ to 45⁰ and revised the weights of the cutoffs. Revised spacing of holes for Zee Bar assemblies. Added 3" to the adjustment in footing elevation so that it now is from 3" to 9". This adjustment is intended for use on construction for variations from template cross sections and design should be based on 3". Signs may also be adjusted up on the posts approximately 2". With the one-inch or more adjustment in dimension "T", a total adjustment upward of 9" is possible.

Sheet 2. Revised typical sections to show rounded sign corners and shortened posts. Added note for Zee Bar Assembly, "Shims required only when necessary for sign to clear cover plates".

Sheet 3. This is a new drawing of the old sheet increment sign which was on Sheet 4. The mounting details have been revised and the possible height of signs increased. This sheet increment sign has been designated as "Type A". Post lengths are reduced by the amount shown under the heading "Top of Sign to Top of Post".

Sheet 4. This is a new optional sheet increment sign panel. Mounting details for both sheet increment signs are the same for design purposes. This panel is designated "Type B". The contractor will specify the type on the list of materials and equipment when he submits it.

Sheet 5. Deleted Type B Delineators and added variable dimensions for Type A. Also deleted sketch showing delineator spacing on throughway.

Standard Drawing 72. 04. Sheets 1, 2, 5, 6, and 7 have been revised the same as Standard Drawing 72.02.

Standard Drawing 72. 05, 72.06, 72.07 and 72.08. Added note regarding vertical allocation of signs on beams and note to add 6" to sign height in determining sign area when lighting fixture is used. The note for determining the type of end post on Standard Drawing 72.06 was also revised

Standard Drawing 72.09. Sheet 1 of 2. Changed top of lighting support bracket to 6" below the bottom of the sign with greatest height and show the centerline of all signs as 3" above the centerline of tube or truss as the case may be. Note that the 6" is added to the sign heights for computation of maximum sign area. On Sheet 2 the note regarding number of lamps per sign, lighting fixture was revised so that the elevation of the top of the sign above the elevation of the fixture is the control. The 12,000 hour minimum service for fluorescent tubes has been deleted. This same criteria applies to Standard Drawings 72. 072.10 and 72.60, Overhead Trusses, except that all signs are centered 4 1/2" above the centerline of the truss.

It is not desired to delay the submittal of road plans to this office because of the changes made necessary by these revised standards. If it is thought that the work would delay the submission, the signing plans will be revised in this office on request.

We are also furnishing you under separate cover with several 8 1/2" x 11" copies of revised Standard Drawing 52. 02. The general notes on this standard have been revised to require that the splice at the top of the tapered section be at least 3' below stream bed for intermediate trestle type bents.

If there are any questions concerning these standards, please advise.

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