

Design Standards Letter

Letter Number: **D-1960-29**

Letter Date: **11/21/1960**

Effective Date: **11/21/1960**

Section/Plan No.: **None**

Subject: **Highway Signing**

Body

TO ALL DIVISION, DISTRICT AND URBAN ENGINEERS:

Each District Office and the Urban Office is being furnished, under separate cover, one set of prints of the design data and expanded charts for determining the proper post design for shoulder mounted signs of more than 30 square feet in area.

Since the structural steel stress has been increased from 18,000 to 20,000 psi the sizes of posts for specific sign areas is reduced. The charts are also explained to provide for clear mounting heights up to 24 feet and now includes 21 post designs. It is not necessary to revise any plans which are completed or nearing completion but the new data is to be applied to all new plans. The only change in the data shown on sheet No. 1 so far as the original post designs are concerned is in the length of cover plates on Posts 9 through 13 which must now be computed for each post. The top of the cover plate is to be approximately 6 inches below the post. The top of the cover plate is to be approximately 6 inches below the bottom of a single sign or the bottom of the upper sign as the case may be.

All of this new data will be contained in the new design manual to be issued about the first of the year., and it is our thought that one set of prints should suffice for immediate needs.

The Standard Drawings are being revised in accordance with the new data, but they will still cover completed design plans.

The new tabulation sheet "Sign Summary" is not being properly used, as evidence by recent plans submitted. Standard signs are to be listed first by legend, and special signs by number. In some cases the sign areas have not been shown under the proper type of sign. Mile marker panels are not to be shown on this sheet since "Item 72014: Mile Post, each", includes posts and panels.

We are also sending the District and Urban Offices a supply of copyflex prints of the

revised data sheets, for steel trusses, referenced to the new Standard Drawing numbers.

C. C. Tevis
Engineer of Surveys and Plans