

# Design Standards Letter

Letter Number: **D-1960-21**

Letter Date: **07/27/1960**

Effective Date: **07/27/1960**

Section/Plan No.: **None**

Subject: **Interstate Signing**

Body

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**TO ALL DIVISION, DISTRICT, AND URBAN ENGINEERS:**

**Prints of new standard drawings 41BS and 41CS, Design Detail, and Data sheets for Overhead, Cantilever, and Butterfly Structural Steel Sign Trusses are being furnished under separate cover. These steel trusses are to be used, from this date on, instead of aluminum trusses.**

**You will note that the "Typical Problems" shown on the "Design Detail Sheets" show the "H" column heights to the nearest foot. This dimension may be to the inch, but fractions shall not be used. You will also note that the height of concrete pedestals may be increased by six (6) inches or decreased by (3) three inches, which is to allow for adjustment on construction, so that changes in the design lengths of column will not be necessary.**

**The special sheets showing sign bridge dimensions are to be completed for each project. These sheets have columns for showing Class B Concrete and Lighting Data, so it is unnecessary to show this data on "B" sheets. For the designers' information, a single lamp luminaire with ballast uses 84 watts and a two-lamp, 148 watts. 120 volt current is necessary for operation. Dry type transformers to reduce current from 240 or 480 volts to 120 volts are available in various KVA ratings. The attached chart is to be used to determine the rating. Transformers are not to be overloaded. Transformer is to be mounted on the pedestal where power is delivered to hold wire sizes to a minimum.**

**C. C. Tevis  
Engineer of Surveys and Plans**