

# Design Standards Letter

**Letter Number: G-1966-24**

**Letter Date: 06/29/1966**

**Effective Date: 07/28/1966**

**Section/Plan No.: None**

**Subject: Revised Standard Drawings and Special Provisions**

## Body

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ALL DIVISION AND DISTRICT ENGINEERS AND CHIEF COUNSEL:

We are furnishing you herewith several copies of the following standard drawings and special provisions, all of which will be used where applicable, beginning with the July 28, 1966 Letting.

### Standard Drawings

Drawing 70.18. This drawing has been modified to include metering of all power (Diagram A) as well as for signals only (Diagram B); the purpose being to use this drawing when power is supplied for sign lighting only, instead of a so-called "power supply assembly," and to provide photoelectric control for sign lights.

Drawing 86.00. This drawing has been revised to change the required depth of oval shoulder on post bolts from the previously designated 1/4 inch to 1/8 inch.

### Special Provision

Highway Lighting. This special provision replaces in its entirety, the special provision of the same title dated November, 1965, and further deletes in its entirety, Section 70 - Highway Lighting, from the Standard Specifications. The special provision is now a complete specification in itself, including an appropriate index.

Major revisions are as follows:

1. Deleted all reference to concrete lighting poles. Added specifications for butt base steel poles. Provided for optional use of steel or aluminum poles whereby the contractor will designate the kind he proposes to furnish, only when he submits the list required by Section 70.2.2. Bids will be for Type A- \_\_\_\_\_ Lighting Poles and Type B- \_\_\_\_\_ Lighting Poles under Items 70004 and 70009, respectively.
2. Section 70.10 increased rated lamp life to 16,000 hours for mercury lamps.

3. Eliminated fluorescent underpass luminaries.
4. Changed to rigid steel or rigid aluminum conduit instead of electrical metallic tubing for exposed conduit for underpass lighting. Conduit for mounting underpass luminaries, when part of a conduit system built into a structure, will be as designated in the contract by the Division of Bridge. Also, added expansion fittings to "U" curves at the location of bridge expansion joints as approved by the engineer.
5. Section 70.12 converted to cover all distribution and control equipment, i.e., Pad Mounted Substations, Pole Mounted Substations, Pole Mounted Control Stations, and their component parts thereby eliminating Sections 70.13 through 70.19.
6. Last sentence of Section 70.22 provides for one additional coat of heavy asphalt paint for handhole frames and covers after installation.
7. List of pay items in Section 70.26.2 corrected by elimination of items no longer covered by this special provision.
8. Added index.

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Surveys and Plans