

# Design Standards Letter

**Letter Number: G-1964-34**

**Letter Date: 08/01/1964**

**Effective Date: 08/01/1964**

**Section/Plan No.: None**

**Subject: Standard Drawings and Special Provisions**

## Body

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ALL DIVISION, DISTRICT AND URBAN ENGINEERS AND CHIEF COUNSEL

We are furnishing you under separate cover, several copies of the following revised standard drawing and special provisions.

Standard Drawing 48.10 has been revised to locate the longitudinal joint of ramp pavements at the centerline of the ramps. This joint will be nine feet from each edge of an 18-foot ramp and 12 feet from each edge of a 24-foot ramp.

Standard Drawing 71.00 has been redrawn and rearranged for clarification and includes the following major revisions: Bases and Controller Cabinets redrawn to provide a standard length ground rod and a 4" concrete apron with the concrete quantities adjusted accordingly. Anchor bolt redesigned to provide a two-inch bend in lieu of a three inch bend. Concrete handholes have been altered to provide for coarse stone or gravel drains with no specific gradation. Outlet drains changed from 4" sewer pipe to 2" rigid steel conduit. Frames and covers increased in weight. Handholes placed in unpaved drives to be approximately flush with driving surface. Power supply assembly now shows 100 amp disconnect switch with circuit breakers and a two pole secondary lightning arrestor. Mushroom buttons have been deleted.

Standard Drawing ~~71.01~~ 70.01 has been revised to provide for two-inch rigid steel conduit drain in lieu of the four-inch sewer pipe drain for concrete handholes.

The special provision "Portland Cement Concrete Construction, (August 1, 1964)" is a consolidation of several individual special provisions, and in addition, contains several new requirements pertaining to Portland cement concrete, central and truck mixed concrete, and aggregate for Portland cement concrete.

The special provision "Aggregate, Aggregate Base (August 1, 1964)" is also a consolidation of those items not directly concerned with Portland cement concrete construction.

The special provision "Traffic Signals (August, 1964)" has been revised to provide for the following major revisions pertaining to the Standard Specifications.

Page 378, Section 71.2.2 revised to eliminate cross referencing.

Page 383, Section 71.4.2 revised to eliminate cross referencing.

Page 386, Section 71.6.4 revised to include circuit breakers and a ground bus bar.

Page 386, Section 71.6.6 revised for clarification.

Page 408, Section 71.8.7 deleted in its entirety.

Page 410, Section 71.14.1, page 411, Section 71.14.2, and page 413, Section 71.14.5.3 have been revised to conform with revised Standard Drawing 71.00

Page 415 and 416, Section 71.15.1 and 71.15.2 revised to standardize payment for materials.

Page 417, Section 71.16.3 revised to include all pay items in one list.

Plans which have been submitted and which will be affected by the changes in this special provision, will be changed in this office.

Not included in this transmittal is Design Sheet SP38 which has been revised to show the location of circuit breaker ratings. Copies of SP38 will be available upon request.

These standard drawings and special provisions will be placed in effect for the August, 1964 Letting.

L. V. McLaughlin  
Engineer of Surveys and Plans