

Design Standards Letter

Letter Number: G-1965-06

Letter Date: 01/21/1965

Effective Date: 02/26/1965

Section/Plan No.: None

Subject: Standard Drawings and Special Provisions - Forms SP-2 and SP-14

Body

ALL DIVISION, DISTRICT AND URBAN ENGINEERS AND CHIEF COUNSEL:

We are furnishing you, under separate cover, several copies of the following standard drawings and special provisions along, with a supply of revised Forms SP-2 and SP-14.

Form SP-2 has been revised to delete standard drawing 53.60 in accordance with General Letter No. 58, 1964, and to provide for spaces to indicate whether the new or old drawings of the typical sections and superelevations are used. The "new" space should be checked for plans prepared in accordance with those drawings dated December 7, 1964 or later, and the "old" space should be checked for those drawings dated prior to December 7, 1964. This will assure that the proper drawings are included in the plans.

Standard Drawing 48.12. This drawing has been revised to provide more flexibility in the design of the Type C assembly which will permit this assembly to be furnished by additional fabricators. The details of the stakes have been removed and the staking pins are now covered by a note.

Standard Drawing 70.00. This drawing has been revised to replace the "polished finish" note with "natural finish" in accordance with the revised special provision on Highway Lighting described hereinafter.

Standard Drawing 70.01 This drawing has been revised to add the detail of the power supply assembly, revise the detail of the concrete base, and generally rearrange and clarify the entire drawing.

The preceding drawings will be effective with the April 2, 1965 Letting.

The special provision entitled "Corrugated Metal Pipe Arches (May 1962) (B-9, B-10)" on the Form SP-14 should be deleted from this form as the requirements of this provision have now been included in the special provision "Section 120 Corrugated Metal Culvert Pipe and Pipe-Arches".

The special provision "Section 120 Corrugated Metal Culvert Pipe and Pipe-Arches" has been revised by the addition of page five covering the provisions of the aforementioned special provision on the B-9 and B-10 pipe arches and in addition providing for protective measures to be taken on cut edges and damaged or welded areas of the metal.

The special provision "Section 130 Vitrified Clay Pipe" is a new special provision which should be used in all cases where vitrified clay pipe is used or permitted, including underdrains, sewers, and culvert pipe.

The special provision "Glass Fiber Mat" has been revised to delete the use of MC Liquid Asphalt Materials, delete the Grade 13 Aggregate, and increase the rates of application of both the cover aggregate and the bituminous material for the seal coat on the Type II Glass Fiber Mat.

The special provision "Undersealing Pavement" is a new special provision which will be used in lieu of the previously written-in special. It should be noted that this special provision provides for two patterns for drilling holes dependent upon whether one side, or both sides, of the pavement is to be pumped. The Designer should indicate on the plans the applicable pattern, preferably in the "remarks" column of the tabulation of quantities, by either the note "one side", or the note "both sides".

The special provision "Rubber Gasket Joints in Storm Sewers" is a new special provision which should be used for all installations of gasketed storm sewer pipe. This will eliminate the necessity of investigating the availability of the various types of gasket as required by General Letter No. 26, 1964, and will permit the contractor to furnish any one of three types of gaskets described in that General Letter.

The special provision "Special Items" has been revised to include "fencing" as a specialty item.

The special provision on Highway Lighting" has been revised on the first page to require natural finish concrete poles in lieu of polished poles and to delete the aggregate gradation requirements for the concrete in the poles.

The preceding special provisions will all be effective with the February 26, 1965 Letting.

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