

# Design Standards Letter

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**Letter Date: 12/10/1971**

**Effective Date: 02/01/1972**

**Section/Plan No.: S0401, S0403, S0609, S0612, S0712, S0726, S0731, S0733, S0805, S1002, S1019, S1020, S1033, S1042, S1050, S1055**

**Subject: Revised Form SP-14 and General Special Provisions**

## Body

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ALL DIVISION AND DISTRICT ENGINEERS

Attached is a revised copy of Form SP-14 dated February, 1972 along with copies of General Special Provisions and brief description of each and their use.

The new Form SP-14 incorporates the following changes:

### Revisions

Section 712. STRUCTURAL STEEL CONSTRUCTION. Minor editing corrections.

PORTLAND CEMENT CONCRETE BASE, PAVEMENT, AND APPROACH SLAB FOR BRIDGES. Material specification for polyethylene sheeting revised in Section 1055.3 with February, 1972 date, also.

Section 501 PORTLAND CEMENT CONCRETE. Revised requirements for central mixed concrete.

Section 726. RIGID PIPE CULVERTS, STORM DRAINS AND SEWERS. Added requirement adequate cover before heavy equipment is operated over structure.

Section 731. PRECAST CONCRETE MANHOLES AND DROP INLETS. Combines previous Manhole specification dated June, 1970, and Drop Inlet specification dated January, 1971.

Section 805. SEEDING. Revised process of inoculation.

Section 1019. PORTLAND CEMENT. Revised AASHO specification numbers.

Section 1020. CORRUGATED GALVANIZED METAL CULVERT PIPE, PIPE-

ARCHES, AND END SECTIONS. Revised Table III Pipe-Arch Requirements.

Section 1033. PRECAST REINFORCED CONCRETE MANHOLE AND DROP INLET SECTIONS. Incorporated requirements of drop inlets to the manhole specification.

Section 1050. LUMBER, TIMBER, PILING, POSTS AND POLES. Revises specification for rectangular sign posts.

NON-DISCRIMINATION IN EMPLOYMENT. Deletes statement on Payroll and Payroll Records which is now included in PR-1273 (Rev. 5-71).

### Additions

Section 401. PLANT MIX BITUMINOUS PAVEMENT. Required air-conditioned laboratory for production of more than 10,000 tons of mixture.

Specifies samples to be taken after construction for thickness controls.

Section 403. ASPHALTIC CONCRETE PAVEMENT. Revises specification for Type C mixture.

Requires air-conditioned laboratory for production of more than 10,000 tons of mixture.

Revises testing procedures for thickness samples.

Section 609.40 DRAIN BASIN. Permits alternate construction of asphalt or concrete drain basin.

Section 612.10 BARRICADES AND FLASHER SIGNS. Provides reflectorized white stripes on all barricades to conform to the requirements of the MUTCD-71.

Section 1002. AGGREGATE FOR ASPHALTIC CONCRETE. Revised requirements for furnishing and stockpiling coarse aggregate for Type B asphaltic concrete mixture.

Section 1042. HIGHWAY SIGN MATERIALS. Revises requirements for reflective sheeting.

Section 1055. CONCRETE CURING MATERIALS. Revises specification for polyethylene sheeting.

### Deletions

HELICALLY CORRUGATED GALVANIZED METAL CULVERT PIPE, PIPE-ARCHES. Specification used for trial purposes only in Districts 5 and 9 and no longer required.

Section 733. PRECAST REINFORCED DROP INLETS. Specification now combined with

Precast Manholes in specification Section 731.

CONSTRUCTION SAFETY AND HEALTH STANDARDS. Now included in Form PR-1273 (Rev. 5-71)

The use of the General Special Provisions listed on SP-14 will be used for all projects advertised for the February, 1972 Letting.

A stock of SP-14 forms is being furnished all Districts.

James F. Roberts  
Division Engineer  
Surveys and Plans