

# Design Standards Letter

**Letter Number: G-1965-17**

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**Section/Plan No.: None**

**Subject: Design Manual Revisions**

## Body

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ALL DIVISION, DISTRICT AND URBAN ENGINEERS AND CHIEF COUNSEL:

We are transmitting under separate cover several copies of the following new or revised pages in the Design Manual.

Page 14.12, Table 14.6. The allowable overfill heights for the B<sub>1</sub> Bedding have been revised to prohibit the use of this bedding class for overfills less than 34 feet in height. Table 14.6 is applicable for trench and fill conditions. A future letter will delete from the Standard Specifications, Sections 61.4.4.1 and 61.4.4.2 concerning pipe in trenches, and the proper combination of class of pipe and bedding class as described in the Design Manual will be used in all cases. It is particularly important to specify the class of reinforced concrete pipe and the class of bedding, if other than Class C is required as described in Section 14.3.5.8.5 of the Design Manual.

Page 14.19 Section 14.3.8.4.6.1 Plans. This section has been revised to delete the estimate rates for the asphalt for the Type Two mulch and the asphalt emulsion of the Type Three mulch. These rates are contained in the Standard Specifications and the applicable Special Provisions.

Page 14.19. Section 14.3.8.7 Glass Fiber Mat. This section has been revised to delete the application rate of rock chips for the Type II mat seal coat. Application rates for both the bituminous material and cover material are set out in the Special Provision on Glass Fiber Mat. A statement that the Main Office will include the installation sketch for glass fiber mat has been added. A statement has been added concerning the use of check slots.

Page 14.20. This page has been retyped to provide space for the preceding revisions.

Page 14.21. This page has been revised to correct the section numbers 14.3.10 Estimates and 14.3.10.1 Procedure.

Page 14.22. Section 14.3.11.1 General. This section has been revised to include a statement

that fencing normally required at the right-of-way line of rest areas is five foot chain link type.

Page 14.22.1 This page has been retyped to provide space for the preceding revisions.

Figure 14.67. This is a new figure showing the installation sketch for glass fiber mat which is included on applicable projects by the Main Office as stated in Section 14.3.8.8 7 of the Design Manual.

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