

Design Standards Letter

Letter Number: G-1963-10

Letter Date: 04/26/1963

Effective Date: 04/26/1963

Section/Plan No.: None

Subject: Sections 12, 13, and 14

Body

ALL DIVISION, DISTRICT AND URBAN ENGINEERS

We are furnishing you under separate cover several copies of the following revised pages in the Design Manual.

SECTION XII, SUBGRADE, BASES and SURFACES

Page 12.7, Subsection 12.4.7.5 was revised to clarify the intent concerning the use of bases under ramp pavements.

SECTION XIII, COMPUTER

Pages 13.12 through 13.17 and Figures 13.16 through 13.51 were revised to provide for a change in the Horizontal Control Program. Figures 13.28.1 and 13.28.2 are new figures. The revisions include changes in (1) call angles and lengths, and (2) calling spirals (Codes 34, 74, 85, 86 and 87). Any coding involving the changes should be revised prior to submission to this office. ;In addition to the above revision, the following has been added to the Horizontal Control Program: (1) Codes 8, 9, 24, 60, 61, 62, 63, 86, 87, 94, and 97; and (2) Internal stationing by Codes 90 and 91. All other codes remain unchanged. Please change Figure 14.43 of Computer Section to read Figure 13.43.

SECTION XIV, PLANS

Page 14.13, Subsection 14.3.6.4 AND 14.3.6.6 were revised to be in agreement with special provision for integral curb which provides that integral curb on pavement is to be paid for as a separate item.

Pages 14.14 through 14.22.1, Subsections 14.3.8 through 14.3.12, were revised and rearranged to include design information on erosion control furnished in General Letter No. 9, 1962. Page 14.22.1 and Figures 14.61 through 14.66 are new. Page 14.16.1 has been eliminated.

Pages 14.40 through 14.42, and 14.47 through 14.48.2 along with Figures 14.18.1, 14.18.2, and 14.20 were revised to provide for recent changes in AASHO requirements for sight distance. We have also added requirements for "Operational Sight Distance". Pages 14.48.1 and 14.48.2 are new pages. Page 14.46.1 was eliminated.

Page 14.48, Subsection 14.3.22.1.5 was revised to clarify and make minor change in requirements for grades at intersections.

Figure 14.38 was revised to include an example of control of access at the crossroads of an interchange.

Additional copies of these revised pages will be furnished upon request.

R. N. Hunter
Engineer of Surveys and Plans