

Design Standards Letter

Letter Number: G-1966-09

Letter Date: 02/23/1966

Effective Date: 02/23/1966

Section/Plan No.: None

Subject: Design Manual Revisions

Body

ALL DIVISION AND DISTRICT ENGINEERS AND CHIEF COUNSEL:

We are furnishing you herewith several copies of the following revised pages of the Design Manual.

Figure 5.1. Note (1) at the bottom of this figure has been revised to define "low volume rural highways" as those with less than 400 ADT.

Figure 11.3. Revised to correct formula for time of concentration.

Page 12.8. Added new Subsection 12.6.1.1 covering minimum vertical clearances of grade separation structures when resurfacing projects are proposed. This new subsection includes the information transmitted by General Letter No. 18, 1963, and renders said letter void.

Page 12.9, 12.10, 12.11, and 12.12. These pages have been retyped to provide space for the addition of Subsection 12.6.1.1.

Page 14.38. Added a sentence to Subsection 14.3.16.1.1 covering combinations of approach radius and entrance width to permit entry of vehicle without encroachment on opposing traffic lanes. Revised a portion of Subsection 14.3.16.1.3 to include consideration of surfacing entrances to main roadways without shoulder stabilization. This revision includes the information transmitted by General Letter No. 23, 1965 and renders said letter void. Revised a portion of Subsection 14.3.16.1.3.1 to delete the use of guard posts and to require the use of Type S curb for the delineation of commercial entrances. Other information on this item and the revised Standard Drawing 21.55 were transmitted by General Letter No. 8, 1966 which also specified the effective date.

Page 14.39. This page was retyped to provide space for the preceding revisions.

Page 14.40. Subsection 14.3.16.3.3.2 was revised to clarify the criteria for the necessity, or the consideration of, left turn lanes.

Page 14.40.1. This is a new page necessitated by the inclusion of the preceding revisions.

Page 14.66. Table 14.25 on this page has been revised and expanded to include 5% increments of per cent of trucks during peak hour and to include urban, suburban and rural areas with their respective running speeds.

Page 15.4. Subsection 15.1.3.2.1 has been revised to include a revised policy with respect to pole types and wiring permitted for extensions or additions to lighting of expressways and other than expressways.

Page 15.5 and 15.6. These pages have been retyped to provide space for the preceding revision.

Page 15.7. Subsection 15.1.5.8 was revise to make minor terminology corrections.

Page 15.8. Subsection 15.1.5.9 was revised to delete concrete lighting poles. Subsection 15.1.5.10.2 includes a revision covering underpass luminaries. Subsection 15.1.5.11 includes a revision covering trenching and backfilling.

Page 15.8.1. This is a new page which was added to provide space for the preceding revisions. Subsection 15.1.6.6.3 Computation of Quantities was revised in accordance with General Letter No. 30, 1964 and renders said letter void.

It should be noted that the revisions to pages 15.4 through 15.8.1 eliminate page 15.6.1 dated August 15, 1963, and this page should be removed from your manual.

Figure 15.44. This is a new figure to illustrate the revised lighting policy covered in Subsection 15.1.3.2.1.

L. V. McLaughlin
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