

Design Standards Letter

Letter Number: D-1992-02

Letter Date: 04/07/1992

Effective Date: 04/01/1992

Section/Plan No.: D4-02, D4-04, D4-05, D4-06, D4-09, D1-03

Subject: Sections 4-02, 4-04, 4-05, 4-06, and 4-09 and Figures 1-03.1 and 1-03.2

Body

Enclosed are revisions of the subject sections of the Policy, Procedure and Design Manual.

These sections have been extensively rewritten. Every user of the design manual should carefully read these revised sections so that they are informed of the current policies and procedures of the department.

The enclosures are as follows:

Contents, Volume I.

Revision date changed to 4-1-92 for Sections 4-02, 4-04, 4-05, 4-06, and 4-09.

Figures 1-03.1 and 1-03.2.

Revised to reflect the certification of right of way plans by the district. submission of final environmental document has been moved to follow the design public hearing. Revision date has been changed to 4-1-92.

Chapter IV, Table of Contents.

Revised to reflect the current contents of Chapter IV. Revision date changed to 4-1-92.

Section 4-02, Right of Way Plans.

Pages 4-02.1 through 4-02.6: Rewritten and revision date changed to 4-1-92.

Figure 4-02.3, Right of Way Marker Locations - Spiral Transitions

Minor revisions made and revision date changed to 4-1-92.

Figures 4-02.6, 4-02.7, 4-02.8, and 4-02.9.

New figures dated 4-1-92.

Section 4-04, Basic Design Criteria.

Pages 4-04.1 through 4-04.7: Rewritten and revision date changed to 4-1-92.

Figure 4-04.1, General Design Criteria.

This table has been revised and should be thoroughly reviewed. Revision date has been changed to 4-1-92.

Figure 4-04.2, Sight Distance on Horizontal Curves.

This was formerly Figure 4-04.3 and was renumbered in order to better group the figures which refer to elements of horizontal and vertical curves.

Revision date has been changed to 4-1-92.

Figure 4-04.3, Vertical Curve Design Data.

This was formerly Figure 4-04.2 and was renumbered in order to better group the figures which refer to elements of horizontal and vertical curves.

Revision date has been changed to 4-1-92.

Section 4-05, Intersections at Grade.

Pages 4-05.1 through 4-05.5: Rewritten and revision date changed to 4-1-92.

Figures 4-05.1 and 4-05.2

Existing Figures 4-05.1 has been deleted and existing Figures 4-05.2 and 4-05.3 have been renumbered as Figures 4-05.1 and 4-05.2, respectively, and the revision date changed to 4-1-92.

Section 4-06, Interchanges.

Pages 4-06.1 through 4-06.5: Rewritten and revision date changed to 4-1-92.

Figure 4-06.1, Diamond-Type Interchange Ramps.

Existing Figures 4-06.1 and 4-06.2 are combined into one Figure 4-06.1. The details shown are for crossroads over or under the freeway.

Figures 4-06.2 through 4-06.8

Existing Figures 4-06.3 through 4-06.9 have been renumbered as Figures 4-06.2 through 4-06.8, respectively, and the revision date changed to 4-1-92.

Section 4-09, Miscellaneous.

Pages 4-09.1 through 4-09.15: Rewritten and revision date changed to 4-1-92.

Figure 4-09.2, Truck Climbing Lane Geometric Design.

Beginning taper has been changed to 25:1 and revision date changed to 4-1-92.

Figure 4-09.3, Change in Route Status.

Exhibit identification has been added and revision date changed to 4-1-92.

bh/kd