

Design Standards Letter

Letter Number: **D-1960-17**

Letter Date: **05/24/1960**

Effective Date: **05/24/1960**

Section/Plan No.: **None**

Subject: **Revision of Standard Drawings**

Body

TO ALL DISTRICT, DIVISION AND URBAN ENGINEERS:

The following Standard Drawings have been added or modified:

1AA-13 - Typical Section for Graded Earth and Concrete Pavement. The notes beneath the drawing showing "Half Sections in Cuts" were modified to show limits and slopes of undergrading.

1ADI-3 - Typical Sections 2-24' Concrete Pavement and Grading-40' Median. The inside shoulders were narrowed to 4 feet, which increased the width of the median slopes. The slope ratio was also changed from 5:1 to 6:1 or variable. This also changed the width of the various segments across the roadway. The drawings showing the shoulder treatment for "Sections in Cut" also were modified to conform to the new shoulder width. The width of the roadbed shown in the title was changed from 40-42 feet to 38-40 feet.

1ADI-60-2 - Typical Sections, 2-24' Concrete Pavement and Grading - 60' Median. Practically the same changes listed for the previous drawing apply to this drawing also.

1BA-5 - Standard Approaches for Side Roads, Private and Field Entrances. In the sketch of approach for "Minor Side Road" the note (see "Route Intersections" for Major Side-road Approaches) after the title has been deleted.

1TRD-2 - Super-elevations, Spiral Curves and Widening Transitions (Divided Pavement). The 30' distance shown in the formulae for "Super-elevation transition distance in feet" was changed to 33'.

15CN-4 - Details for Non-reinforced Concrete Pavement. All references to the asphalt-wrapped 1/2" tie bars have been removed since the use of the 1/2" bar has been discontinued.

15CR-5 - Details for Reinforced Concrete Pavement. All changed listed above for the previous drawing apply to this one also.

25D-16 - Concrete Curbs, Gutters, and Curb and Gutters. This drawing provides additional types of these items which may be necessary in order to cover more of the conditions created by current design requirements.

25K-12 - Drain Basins and Drains. This is the same design as previously used, with two modifications added. One modification adapts this basin for construction adjacent to lip curb, and the other modification adapts the basin for construction with curb and gutter.

27A-22 - Guard Rail. The #12 steel post has been replaced by a #8.5 Steel Post.

36X-2 - Drop Inlet with Grate and Curb Inlet. The direction of flow is indicated. The dimensions of the curb and gutter shown in the plan view were removed and a note referring to other drawings was substituted therefore.

41A-6 - Standard Traffic Signs. Some new signs have been added.

41A1-1 - Standard Alphabets, Capital Letters, Silk Screen Signs. New Drawings.

41A2-1 - Dimensional Data for Cutout-Reflectorized Letters. New Drawings. C-232-18-1 TO C-232-48-1 - Concrete Headwalls with Energy Dissipaters for 18" to 48" Pipes. New. See Design Letter No. 15, 1960, dated May 3, 1960, Erosion Control Structures.

These drawings are effective as of this date and should be incorporated in plans submitted hereafter unless the plans are too far advanced in design.

Order form is attached hereto. Please let us have your order for prints promptly.

Please indicate (by check mark) on copies of the order form the Standard Drawings that apply to a project, and include one copy with your submittal of plans (tracings) and estimates to this office. By so doing the plans can be completed for printing without the necessity of checking the "B" sheets in this office for the purpose of determining applicable standard drawings.

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