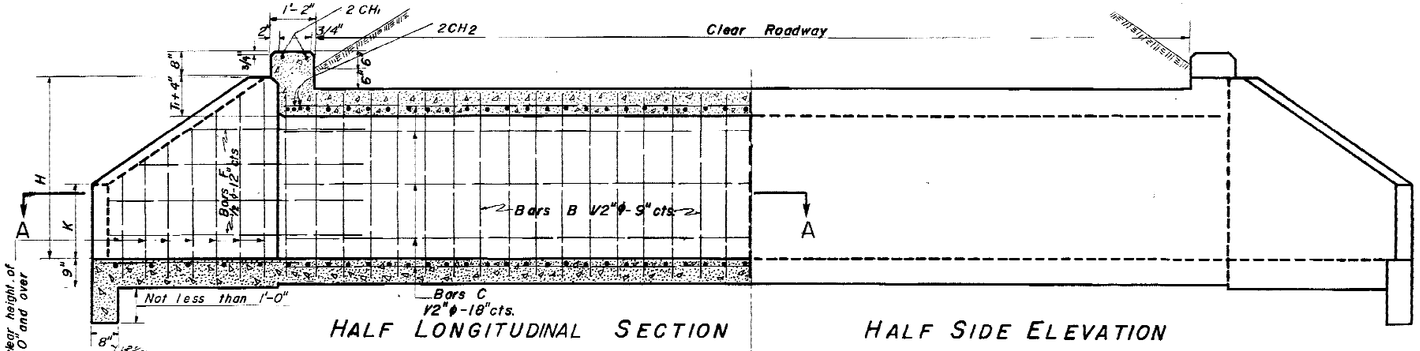
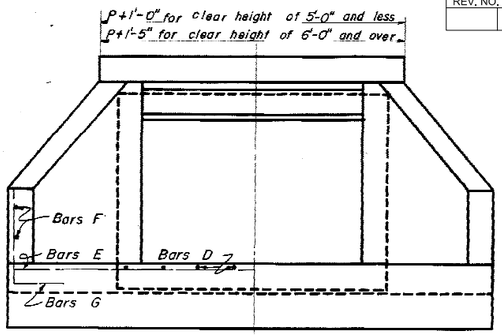
REVISIONS		
REV. NO.	DESCRIPTION	DATE

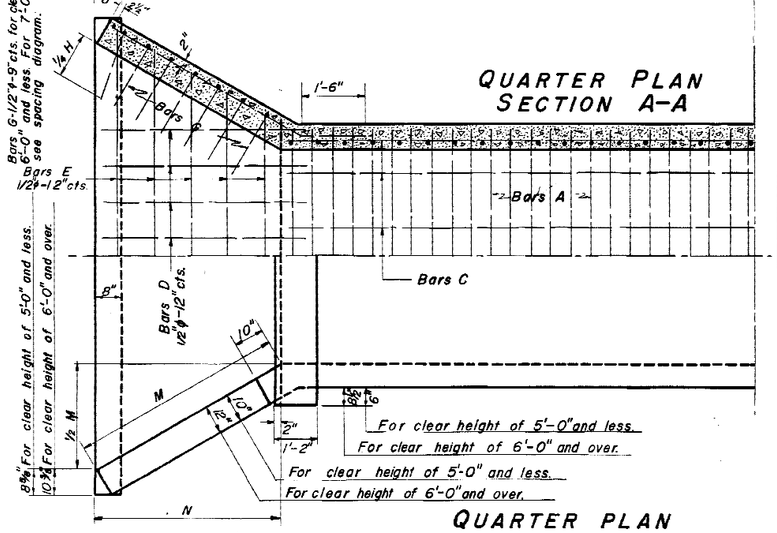


HALF LONGITUDINAL SECTION

HALF SIDE ELEVATION

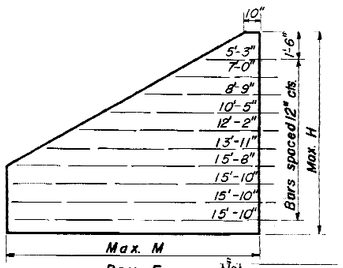


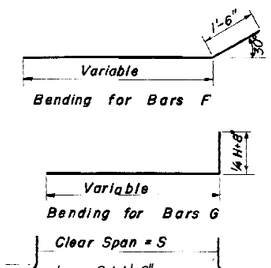
END ELEVATION

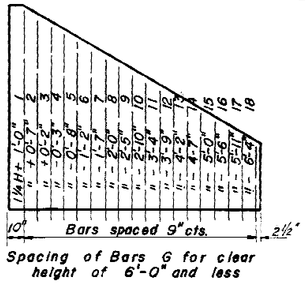


QUARTER PLAN SECTION A-B

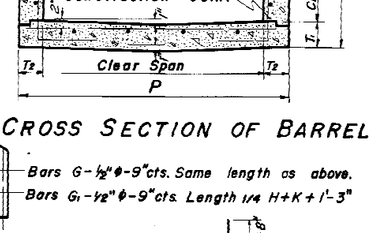
QUARTER PLAN





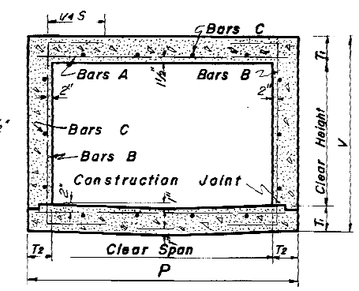


Spacing of Bars G for clear height of 6'-0" and less



Spacing of Bars G and G1 for clear height of 7'-0" and over.

Bending for Bars G1



CROSS SECTION OF BARREL

Quantities shown for reinforcing steel shall be reduced by 1/6 (0.5) to comply with Specs. 60 C.R.S.; weights per foot for reinforcing bars.

GENERAL NOTES

All reinforcing steel shall be be deformed round bars. The design and table are based upon net areas of bars as follows: 1/2" ϕ = 0.1963 sq. in., 5/8" ϕ = 0.3068 sq. in., 3/4 ϕ = 0.442 sq. in. Other sizes may be used, provided they are spaced so as to give as much net sectional area per ft. width of slab. Plans showing such changed sizes and spacing must be approved.

All exposed surfaces to have carborundum finish and this shall be included in price bid per cu. yd. for concrete.

DESIGN DATA

Conc. slab 6' span 8½"	106 lbs.	L.L.M. = 909 X 40 ¼ = 36590 in. lbs.
Dirt fill	100 "	I = 30 % L.L. = 10 980 " "
Paving 6"	75 "	D.L.M. = 1/8 WL² = 1/8 X 281 X 6.71 X 1249 000 " "
	281 "	66570 " "

L.L. 1818 | 909 | 6'-8½" | 909

5.5 | 10,000 / 1,818

All exposed edges shall have a 3/4" chamfer.

* NOTE: The weight of the CH1 & CH2 bars is included in the weight of the total quantities for 26' & 30' Rdy.

| DESIGN NO. | WATERWAY | | | BARREL OF CULVERT | | | | | | | | | | | | | | | | | | | | | | | | TWO WINGS AND ONE APRON | | | | | | | | | | | | | | | | | | | | | | | | | | | | QUANTITIES | | | | TOTAL QUANTITIES 26' ROADWAY | | | | TOTAL QUANTITIES 30' ROADWAY | | | | DESIGN NO. | Two Curbs Reinf. Steel Same Size As A Bars | |
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