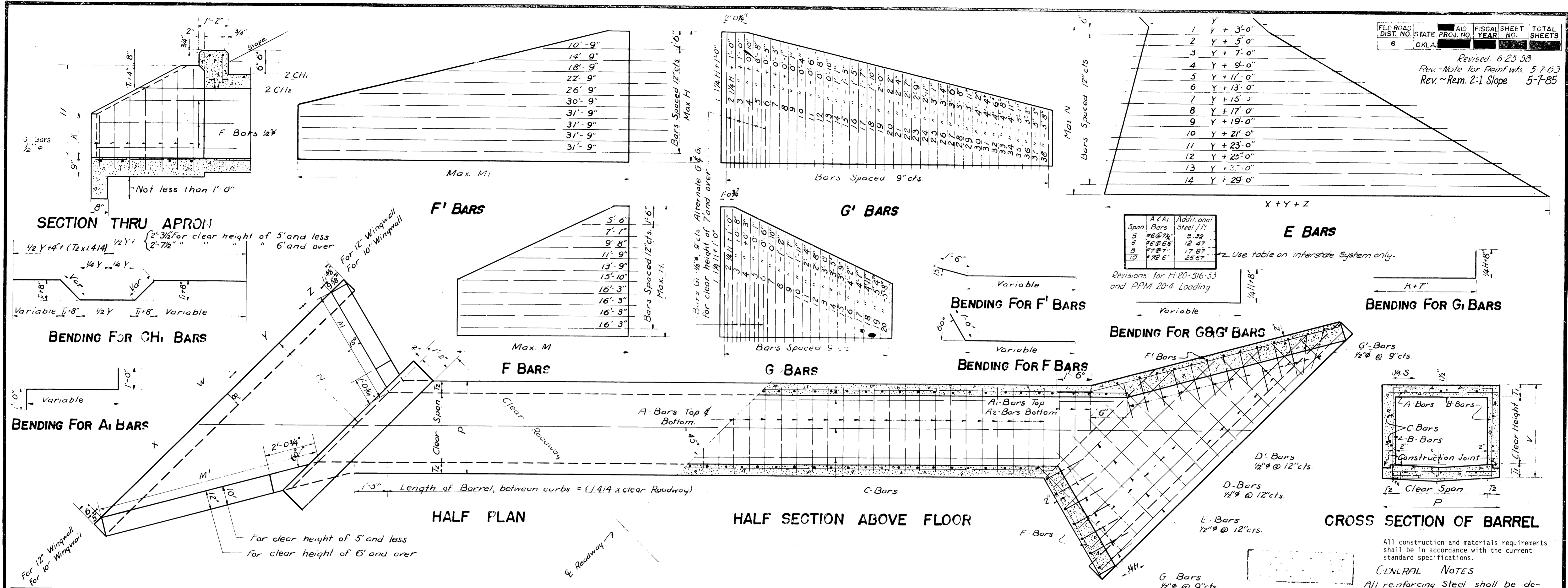


Revised 6-25-58  
Rev. Note for Reinf. wts. 5-7-63  
Rev. ~ Rem. 2:1 Slope 5-7-85



Span	A # Ai Bars	Add. and Steel 1/2"
5	16 @ 7"	9.32
6	16 @ 8"	12.47
8	17 @ 8"	17.87
10	17 @ 6"	25.67

Revisions for H-20-516-53 and PPM 20-4 Loading

Use table on Interstate System only.

All construction and materials requirements shall be in accordance with the current standard specifications.

GENERAL NOTES  
All reinforcing steel shall be deformed round bars. The design and table are based upon net areas of bars as follows: #4 = 0.1963 sq. in. #8 = 0.3068 sq. in. #4 = 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.

Unless otherwise specified, all exposed concrete surfaces shall have a finish in accordance with the current standard specifications.

All exposed edges to have 3/4" chamfer  
DESIGN DATA  
Concrete Slab L.L.M.: 909 x 10 = 36,360 in. lbs  
6" Span 8" #6 bars 1:30x L.L.M.: 10, 9/10  
Dirt Fill 100" D.L.M.: #8 WL  
Paving 7" 8" #8x293x6.67x12-19.530  
Total D.L. 293" 66,820

LL	1818	53	10000
909	6'-8"	909	1818

OKLAHOMA DEPARTMENT OF TRANSPORTATION  
STATE STANDARD  
CONC. BOX CULVERTS  
SKEWED 45° RT. FWD.  
SPANS 2 TO 10 FT.  
FOR FILLS NOT OVER 3 FT.

DESIGN NO.	WATERWAY	BARREL OF CULVERT										TWO WINGS AND ONE APRON										TWO CURBS										TOTAL										
		DIMENSIONS				REINFORCING			STEEL			QUANTS.		DIMENSIONS				REINFORCING			STEEL			QUANTS.		QUANTS.		DESIGN NO.														
		T	V	P	Area of Opening	Size & Spacing	Length	Length	Length	Size & Spacing	Length	Length	Length	No.	Length	Length	Length	Length	Length	Length	Length	Length	Length	Length	Length	Length	Length		Length	Length	Length											
1	2	2'-0"	4'-0"	6"	6'	3'-0"	3'-0"	1/2"-6"	2'-8"	4	8'-0"	2'-0"	1/2"-9"	3'-8"	1/2"-18"	8	19.34	0.185	2'-10"	1'-1"	3'-8"	7'-2"	3'-7 1/2"	11'-3 1/2"	6'-2 1/2"	2'-10"	0'-11 1/2"	4	4'-0"	5	3'-0"	4	107	1.69	7'-2"	4'-5"	31	0.550	0.278	1,295	4.38	1

Designed by H. White & D. M. Cullough  
 Drawn by G. B. H.  
 Traced by F. W. W.  
 Checked by H. B. S.  
 Tracing Checked by C. W. W.

OLD 4-6-89