

BEG. OR END OF BRIDGE.
 Round to $\frac{1}{4}$ " R.
 Approach Slab.
 $\frac{1}{2}$ " Premoulded Exp. Material.
 Exp. layers Tar Paper.
 $\frac{1}{2}$ " Bars A
 $\frac{1}{2}$ " Bars B
 $\frac{1}{2}$ " Bars C
 $\frac{1}{2}$ " Bars D
 $\frac{1}{2}$ " Premoulded Exp. Material @ all Intermediate Concs.
 5-Layers Tar Paper.
 2 & Vert. Piles.
 2 & Bent and Joint.
 19' 0"
 10 Spaces @ 1' 0" = 10' 0"
 8 Spaces @ 2' 0" = 16' 0"
 3' 6"
 3' 6"
 6" 3.3p @ 1' 0" 3.0" 2.3p @ 1' 6" 3.0"
 6" 3.3p @ 1' 0" = 6' 0"
 2.3p @ 1' 6" 3.0" 3.3p @ 1' 0" 3.0" 6"
 Round to $\frac{1}{4}$ " R.
 Symmetrical about C of Span.
 H.R. Post.
 SECTION A-A

Diagram of a rectangular cross-section with dimensions 10 1/2 inches by 8 inches. It shows 4 #4 HOOP bars (H) and 3 #4 BARS (E). The hoops are spaced at 8 inches, and the bars are spaced at 10 1/2 inches.

$\frac{1}{2}" \phi$ BARS U
 (5'-9" Lg.)

$\frac{1}{2}" \phi$ BARS K (9'-8" Lg.)

**SECTION SHOWING HANDRAIL
AND CAST IRON DRAIN**

$\frac{1}{2}" \phi$ BARS C(30'-6" LG.)

$\frac{5}{8}" \phi$ BARS R-R₁ AND $\frac{1}{2}" \phi$ BARS S-S, $\frac{1}{2}" \phi$ BARS T-T.

STANDARD PLAN
CONCRETE SLAB SPANS $\approx$ H20.SIG LOADING
26'-0" CLEAR ROADWAY $\approx$ 1'-6" SIDEWALKS
19'-0" SPAN
TO BE USED WITH STANDARD PLAN C-3-64-20

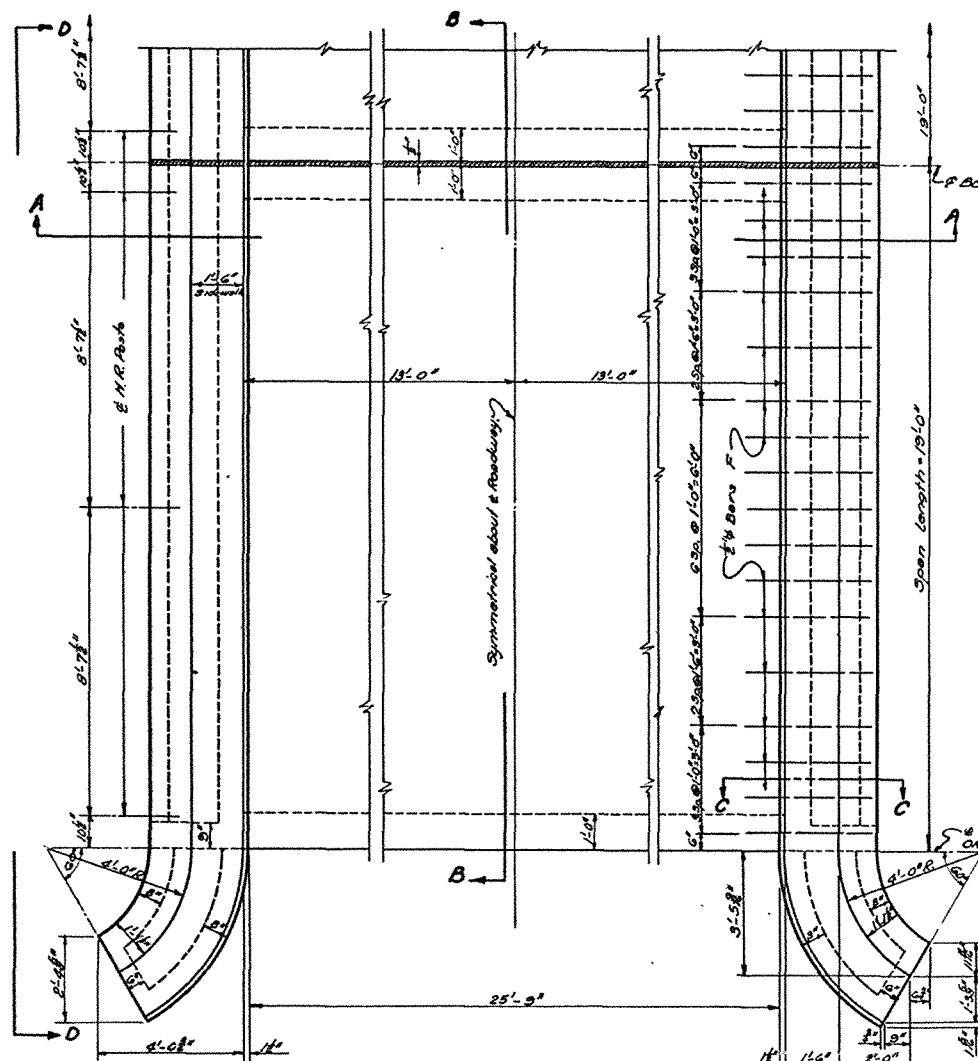
DATED May 19 1949

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

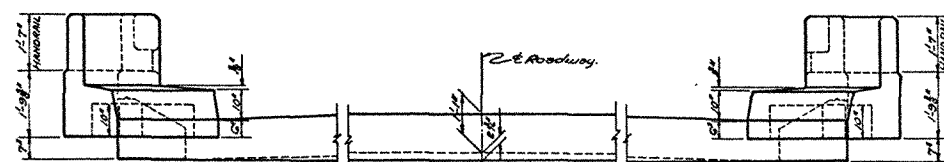
DESIGNED <i>R.C.H. Stanley</i>	DETAILED <i>R.C.H. Stanley</i>	TRACED <i>H. Roberts</i>
CHECKED <i>N. Mac</i>	CHECKED <i>N. Mac</i>	CHECKED <i>N. Mac</i>

BRIDGE DESIGN SECTION

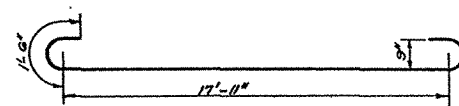
C.F.S. 3-20



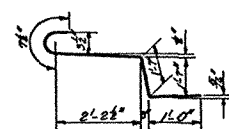
PART PLAN
Handrail Not Shown.



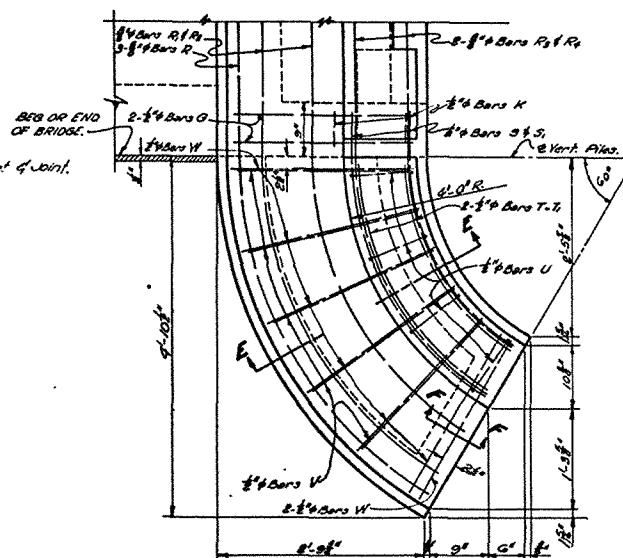
PART END VIEW



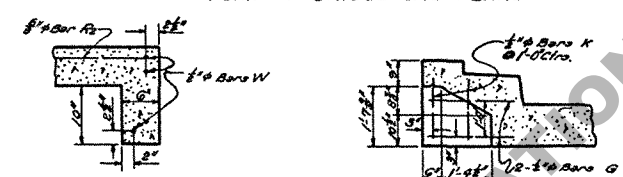
1" BARS A (20'-11" Lg.)



$\frac{1}{2}" \phi$ BARS F(5'-5" Lg)



PLAN OF BRIDGE END FLARE



SECTION F-F

SECTION C-C

BILL OF MATERIAL						
BAR	SIZE	END SPAN		INTER. SPAN		LOCATION
		NO.	UNIT LGTH.	NO.	UNIT LGTH.	
A	1"	38	20'-11"	38	20'-11"	Slab.
Total 1"		794'	-10" = 8702 Lbs.	794'-10" = 8702 Lbs.		
B	3/8"	15	27'-3"	15	27'-3"	Slab.
R	3/8"	6	7'-5"		6'-6"	End Flores.
R	3/8"	2	7'-1"		18'-2"	End Flores.
R	3/8"	2	6'-6"		13'-0"	End Flores.
R	3/8"	4	5'-10"		23'-4"	End Flores.
R	3/8"	4	5'-2"		20'-8"	End Flores.
Total 3/8"		524'-5"	= 547 Lbs.	400'-0"	= 426 Lbs.	
C	1/2"	17	30'-6"	17	30'-6"	Slab.
D	1/2"	26	18'-6"	26	18'-6"	Slab, Sidewalk and Curbs.
E	1/2"	20	3'-5"	20	3'-5"	Sidewalk Curbs.
F	1/2"	34	5'-5"	34	5'-5"	Curbs.
G	1/2"	8	8'-4"		18'-8"	End Walls.
H	1/2"	6	3'-8"		14'-8"	End Walls.
I	1/2"	2	4'-5"		8'-10"	End Flores.
J	1/2"	2	3'-9"		7'-6"	End Flores.
K	1/2"	10	4'-5"		44'-2"	End Flores.
L	1/2"	16	8'-5"		38'-8"	End Flores.
Total 1/2"		1388'-10"	= 928 Lbs.	1856'-4"	= 633 Lbs.	
TOTAL REINFORCING STEEL (I) END SPAN						= 4177 Lbs.
TOTAL CLASS #4 CONCRETE (I) END SPAN						= 25.51 Cu Yds.
TOTAL HANDRAIL (I) END SPAN						= 43.38 Lin Ft.
TOTAL REIN. STEEL (II) INTER. SPAN						= 3967 Lbs.
TOTAL CLASS #4 CONC. (II) INTER. SPAN						= 24.36 Cu Yds.
TOTAL HANDRAIL (II) INTER. SPAN						= 37.00 Lin Ft.

GENERAL NOTES:

Construction Specifications: Latest Approved La. Dept of
Highways Standard Specifications.
Design Specifications: A.A.S.H.O. 1940.
Live Load: H-20-S16-44. Dead Load: Calculated weight of Materials.
Exposures Corners Chamfered 3" except as noted.
Dimensions relating to Reinforcing Steel are to Bar Centers.
Reinforcing Structural and Intermediate Grade.
1" Premixed Expansion Material and Tar Paper to be included
in Price Bid for Concrete.
All Concrete to be Class "A".
Concrete and Reinforcing Steel in HANDRAIL (including Flare HANDRAIL,
above Top of 5' Sidewalk Curb to be Paid for, per Lin. Ft. of
HANDRAIL). This includes Bars L, L, U and Project into Soid
6" Curb.

			STATE OF LOUISIANA		
			DEPARTMENT OF HIGHWAYS		
DESIGNED <i>R. M. Smiley</i>		DETAILED <i>R. M. Smiley</i>		TRACED <i>B. Roberts</i>	
CHECKED <i>M. J. Moore</i>		CHECKED <i>M. J. Moore</i>		CHECKED <i>M. J. Moore</i>	
DATE	DESCRIPTION	BY			
REVISIONS					
BRIDGE DESIGN SECTION					