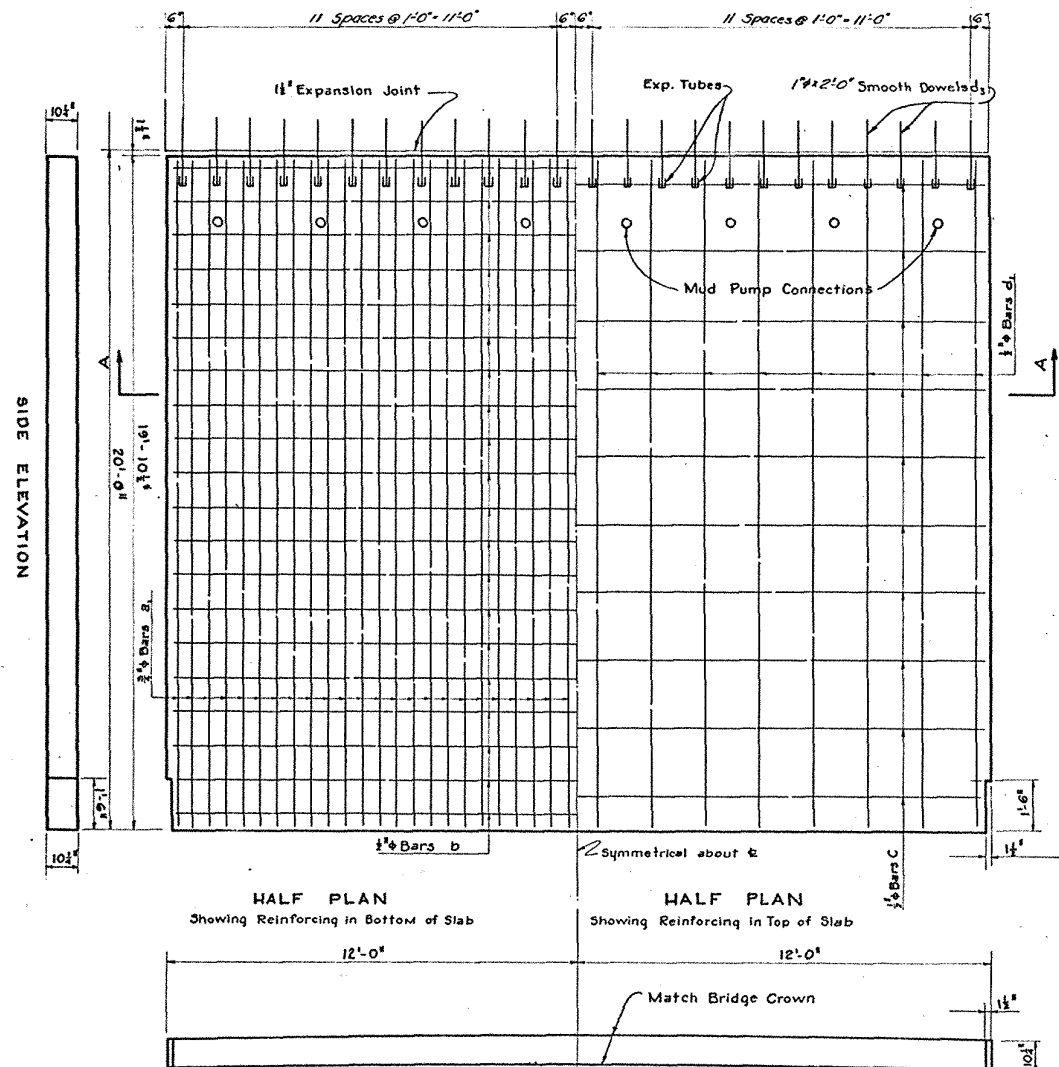
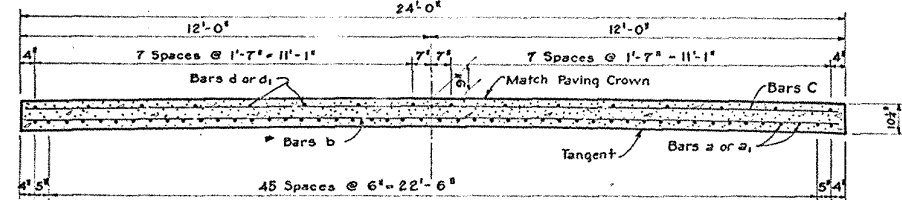
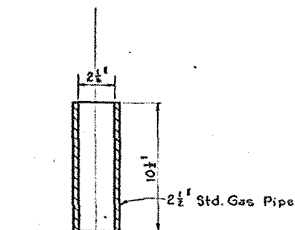




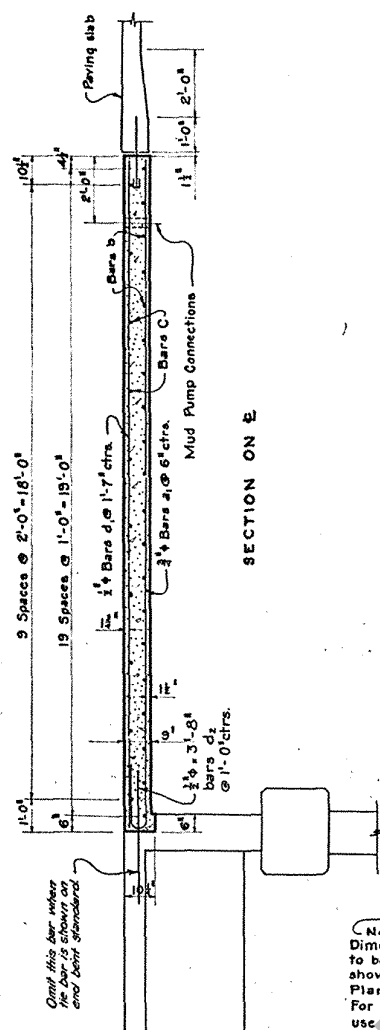
END ELEVATION



SECTION A-A



MUD PUMP CONNECTION
DETAIL
Required
Weight of 6 = 41 lbs.

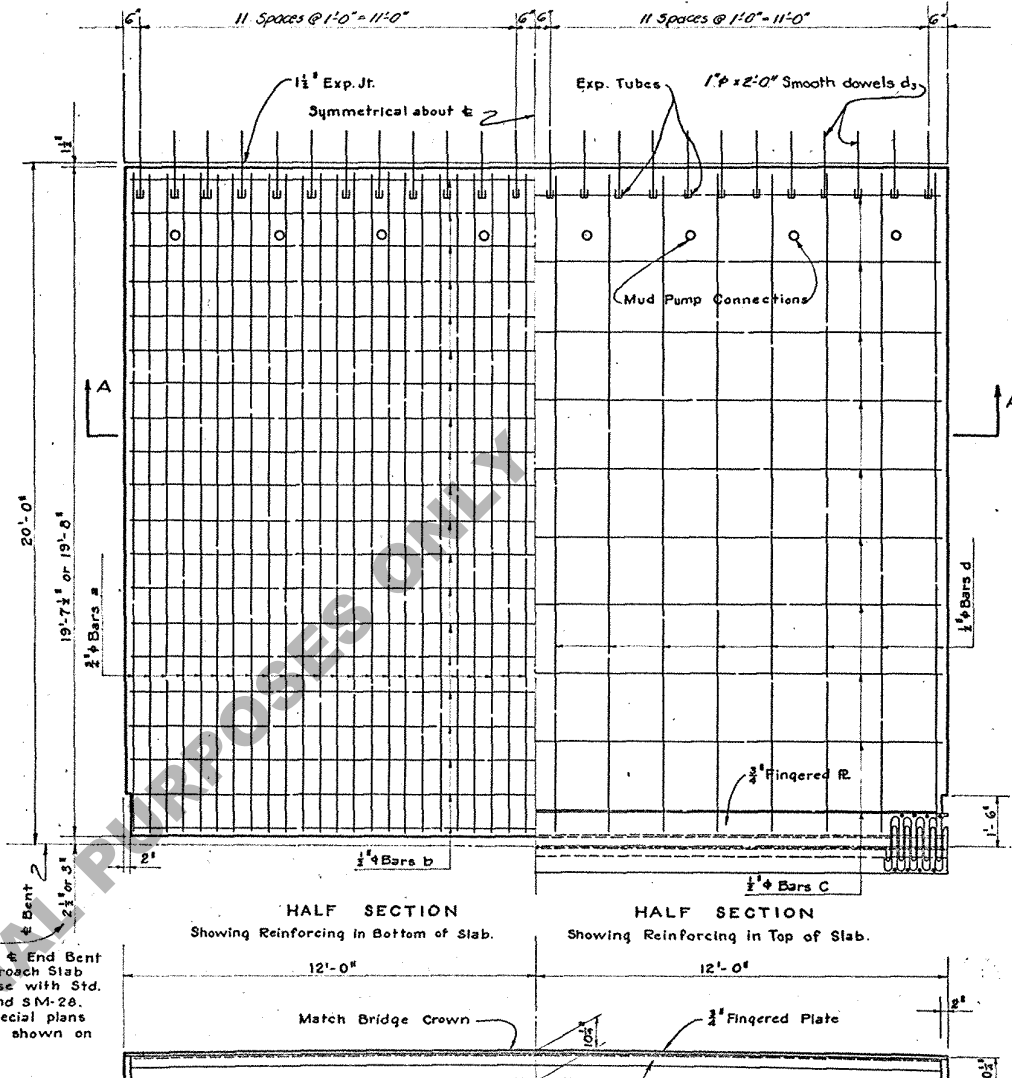


SECTION ON E

Note
Dimensions from E End Bent
to beginning Approach Slab
shown are for use with Std.
Plans SM-27 and SM-28.
For use with special plans
use dimensions shown on
detail of Span.

GENERAL NOTES:

Specifications: Construction: Latest approved La. Dept. of Highway Std. Specs.
Design: AASHTO 1944 H15-44 Loading
Concrete shall be Class "A"
All Reinforcing Steel shall be intermediate grade deformed bars, except the 1/4" x 1'-0" dowels
which shall be round and smooth.
The entire length of the 1/4" Dowel Bars shall be dipped in Heavy Oil or
painted with grease prior to placing.
All dimensions to reinforcing steel are to bar centers.
No direct payment will be made for the Expansion Tubes: cost of same
shall be included in unit bid price for deformed steel.



END ELEVATION

QUANTITIES

APPROACH SLAB WITH 6" NOTCH					APPROACH SLAB WITH FINGERED JOINT				
BAR SIZE	NO.	UNIT LENGTH	TOTAL LENGTH	LOCATION	BAR SIZE	NO.	UNIT LENGTH	TOTAL LENGTH	LOCATION
d ₃ 1/4"	24	2'-0"	48'-0"	Dowels to Pvt.	d ₃ 1/4"	24	2'-0"	48'-0"	Dowels to 1 1/2" Exp. Jt.
Total 1/4" Dowels =	48'-0"		128 Lbs.		Total 1/4" Dowels =	48'-0"		128 Lbs.	
a ₁ 3/4"	48	21'-10"	1048'-0"	Bottom of Slab	a ₁ 3/4"	48	21'-7"	1036'-0"	Bottom of Slab
Total 3/4" Bars =	1048'-0"		1574 Lbs.		Total 3/4" Bars =	1036'-0"		1556 Lbs.	
b 1/2"	20	23'-8"	473'-4"	Bottom of Slab	b 1/2"	20	23'-8"	473'-4"	Bottom of Slab
c 1/2"	10	23'-8"	236'-8"	Top	c 1/2"	10	23'-8"	236'-8"	Top
d ₁ 1/2"	16	19'-7"	313'-4"	Slab to Span	d ₁ 1/2"	16	19'-4"	309'-4"	Slab to Span
Total 1/2" Bars =	1111'-4"		742 Lbs.		Total 1/2" Bars =	1019'-4"		681 Lbs.	
CLASS "A" CONCRETE			1464 Cu.Yds.		CLASS "A" CONCRETE			1449 Cu.Yds.	
REINFORCING STEEL			2444 lbs.		REINFORCING STEEL			2365 lbs.	
MUD PUMP CONNECTIONS			6		MUD PUMP CONNECTIONS			8	

* Fabricated Carbon Steel Included in Quantities for Plan SM-27 or SM-28
For Special Plans Quantity Included in Quantity for End Span.
** Dowel bars included.

STANDARD PLAN 20'-0" R.C. APPROACH SLAB FOR CONCRETE AND STEEL BRIDGES WITH 24'-0" ROADWAY

DATED: JUNE, 1946

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	CHECKED	DATE	DESCRIPTION	BY

BRIDGE DESIGN SECTION