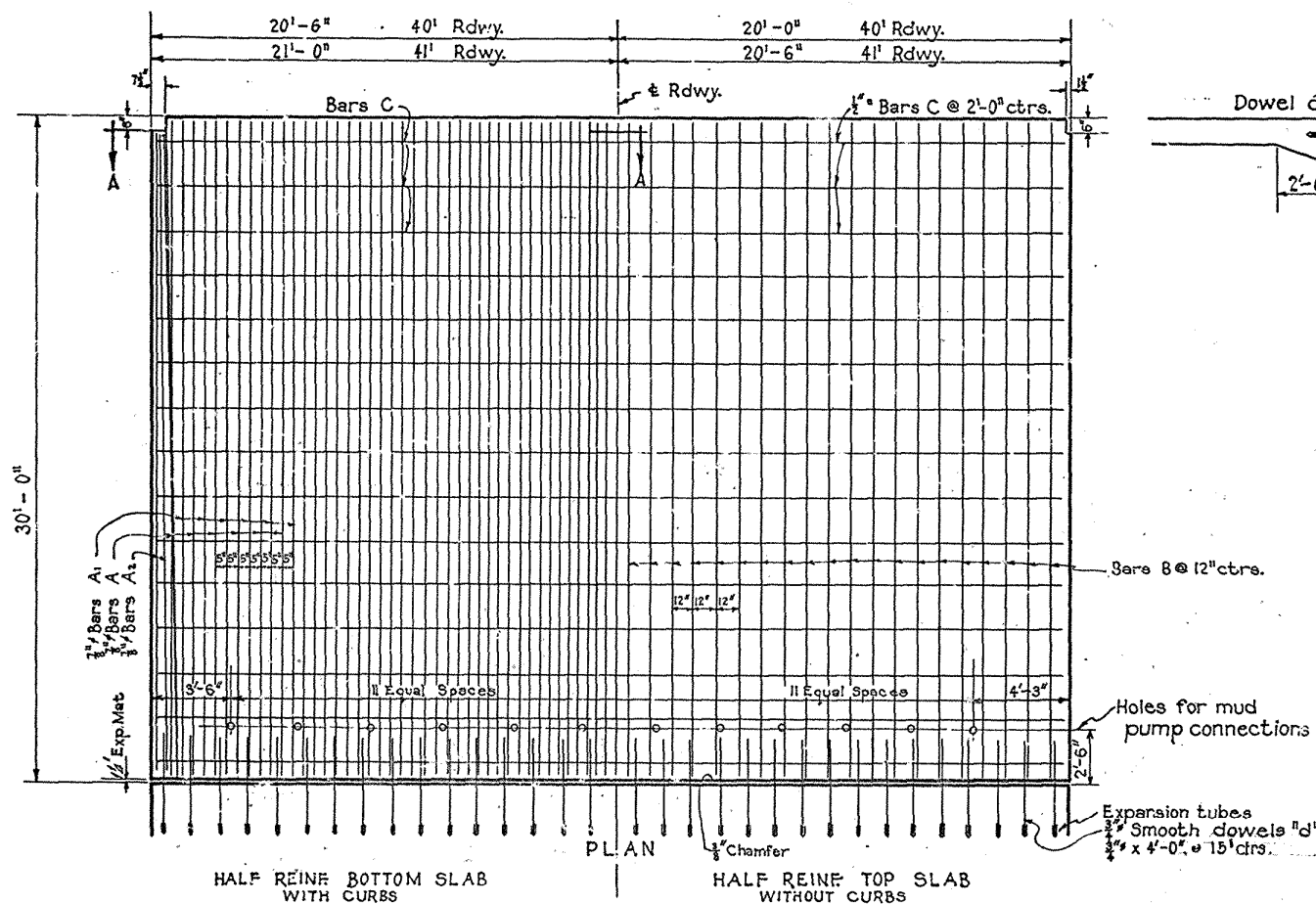
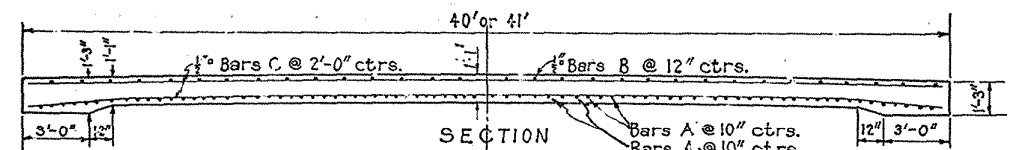
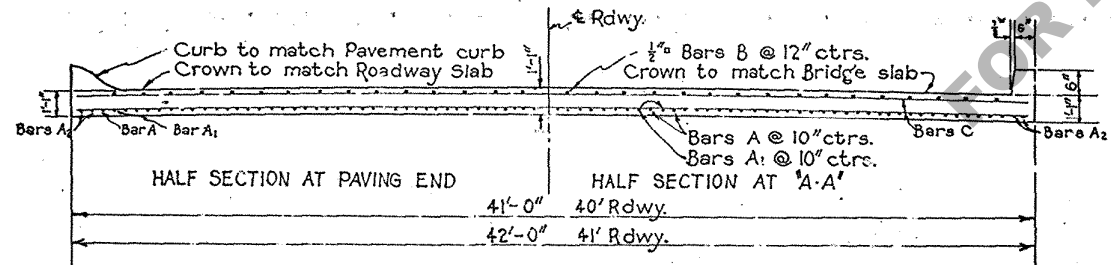


2 1/2" x 1'-2" Standard Gas Pipe Mud Pump Connections (Classed as Reinforcing steel) 10 Required-weight 6.79 Lbs. ea.



SLAB WITHOUT CURBS 40' or 41' RDWY
Crown of slab to match Bridge crown at Bridge end and to match paving crown at paving end of slab.



SLAB WITH CURBS 40' or 41' RDWY.

GENERAL NOTES:
Louisiana Highway Commission Specifications shall govern.
Concrete shall be Class "A-A".
All reinforcing steel shall be deformed bars, except Dowel Bars "d" which shall be round and smooth.
No direct payment will be made for the expansion tubes, cost of same shall be included in the unit price bid for deformed steel.
The 2 1/2" gas pipe mud connections shall be classed as reinforcing steel and shall be paid for as such.
The entire length of the 1/2" dowel bars shall be dipped in hot asphalt prior to placing.

DESIGN DATA: Live Load H15
Dead Load - Weight of Slab
Designed as simple span - Length 27'-0"
Stress in Steel 32000 psi
Stress in Concrete 1400 psi

QUANTITIES FOR ONE SLAB

BILL OF REINFORCING STEEL				
BAR No.	Size	UNIT	LENGTH	LOCATION
A	48	1/2"	29'-6"	Bottom of Slab
A1	48	"	33'-0"	" " "
Total 1/2" Bars 3000'-0" = 6132 Lbs.				
B	40	1/2"	29'-6"	Long. top of Slab
C	30	"	39'-6"	Transverse top & bot. slab
Total 1/2" Bars 2365'-0" = 2010 Lbs.				
d	32	1/2"	4'-0"	192 lbs. Dowels
APPROACH SLAB 40' RDWY. WITHOUT CURBS				

A	50	1/2"	29'-6"	Bottom of Slab
A1	50	"	33'-0"	" " "
Total 1/2" Bars 3125'-0" = 6388 Lbs.				
B	41	1/2"	29'-6"	Long. top of Slab
C	30	"	40'-6"	Transverse top & bot. slab
Total 1/2" Bars 2424'-6" = 2061 Lbs.				
d	32	1/2"	4'-0"	192 Lbs. Dowels
APPROACH SLAB 41' RDWY. WITHOUT CURBS				

A	48	1/2"	29'-6"	Bottom of Slab
A1	48	"	33'-0"	" " "
A2	4	"	29'-0"	Curbs
Total 1/2" Bars 3116'-0" = 6369 Lbs.				
B	41	1/2"	29'-6"	Long. top of Slab
C	30	"	40'-6"	Transverse top & bot. slab
Total 1/2" Bars 2424'-6" = 2061 Lbs.				
d	32	1/2"	4'-0"	192 Lbs. Dowels
APPROACH SLAB 40' RDWY. WITH CURBS				

A	50	1/2"	29'-6"	Bottom of Slab
A1	50	"	33'-0"	" " "
A2	4	"	29'-0"	Curbs
Total 1/2" Bars 3241'-0" = 6625 Lbs.				
B	42	1/2"	29'-6"	Long. top of Slab
C	30	"	41'-6"	Transverse top & bot. slab
Total 1/2" Bars 2484'-0" = 2111 Lbs.				
d	32	1/2"	4'-0"	192 Lbs. Dowels
APPROACH SLAB 41' RDWY. WITH CURBS				

APPROACH SLAB QUANTITIES			
	Class "A-A" Concrete	Reinforcing Steel	
40' Rdwy. without curbs	49.27 cu. yds.	8402 Lbs.	
40' Rdwy. with curbs	49.78 " "	8690 " "	
41' Rdwy. without curbs	50.27 " "	8708 " "	
41' Rdwy. with curbs	51.00 " "	8996 " "	

Just before using app 12-4-41

Used 12-4-45

STANDARD PLAN
30' APPROACH SLAB
40'-0" or 41'-0" ROADWAY
WITH OR WITHOUT CURBS

LOUISIANA HIGHWAY COMMISSION		BATON ROUGE, LA.	
11-5-56	EX. JONN	11-5-56	EX. JONN
5-10-57	Steel Quant.	5-10-57	Steel Quant.
DESIGNER		CHECKED	
REVISIONS		REVISIONS	