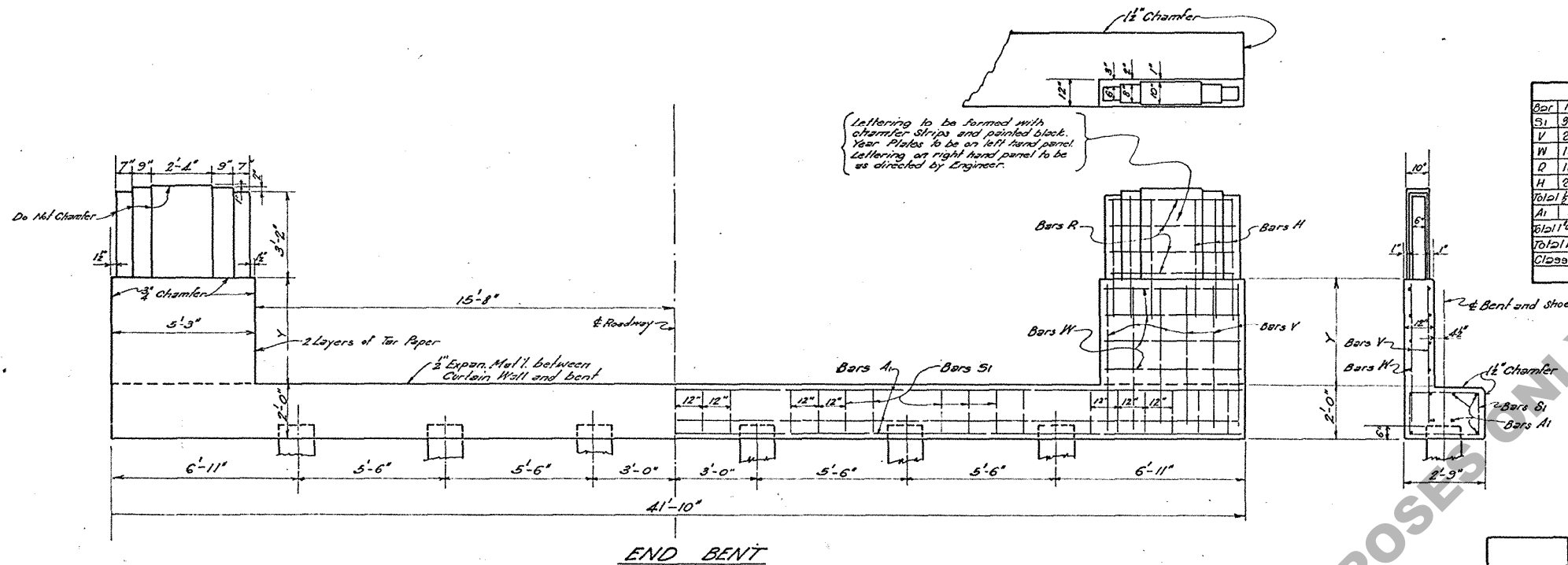
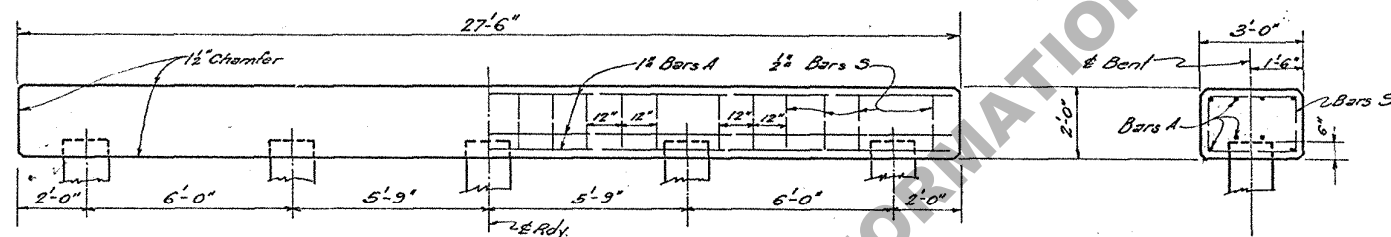




END BENT SPANS 30-40 FT.

30' SPAN				32' SPAN				34' SPAN				36' SPAN				38' SPAN				40' SPAN			
Bar	No.	Size	Length	Bar	No.	Size	Length	Bar	No.	Size	Length	Bar	No.	Size	Length	Bar	No.	Size	Length	Bar	No.	Size	Length
S1	93	1/2"	9'-10"	S1	33	1/2"	9'-10"	S1	33	1/2"	9'-10"	S1	93	1/2"	9'-10"	S1	93	1/2"	9'-10"	S1	93	1/2"	9'-10"
V	24	1"	5'-5"	V	24	1"	5'-5"	V	24	1"	5'-5"	V	24	1"	5'-5"	V	24	1"	5'-5"	V	24	1"	5'-5"
W	16	1"	4'-11"	W	16	1"	4'-11"	W	16	1"	4'-11"	W	16	1"	4'-11"	W	16	1"	4'-11"	W	16	1"	4'-11"
R	16	1"	4'-8"	R	16	1"	4'-8"	R	16	1"	4'-8"	R	16	1"	4'-8"	R	16	1"	4'-8"	R	16	1"	4'-8"
H	24	1"	4'-8"	H	24	1"	4'-8"	H	24	1"	4'-8"	H	24	1"	4'-8"	H	24	1"	4'-8"	H	24	1"	4'-8"
Total Bars	108			Total Bars	108			Total Bars	108			Total Bars	108			Total Bars	108			Total Bars	108		
Total Steel	1725			Total Steel	1725			Total Steel	1725			Total Steel	1725			Total Steel	1725			Total Steel	1725		
Class A Conc.	10.73			Class A Conc.	10.76			Class A Conc.	10.76			Class A Conc.	10.76			Class A Conc.	10.76			Class A Conc.	10.76		

SPAN	Y
30	9'-11 1/8"
32	9'-10 1/8"
34	9'-9 1/8"
36	9'-8 1/8"
38	9'-7 1/8"
40	9'-6 1/8"



For details of concrete piles see S.H. Plan C.S. 129

INTERMEDIATE BENT

BAR SIZE	N°	UNIT LG.	TOTAL LG.	LOCATION
S	22	9'-10"	216'-4"	Hoops in Cap
A	12	27'-1"	324'-12"	Cap
TOTAL 1/2 Bars			540'-16"	
TOTAL REINFORCING STEEL			921 Lbs.	
CLASS A CONCRETE			5.35 cu. yds.	

INTERMEDIATE SPAN

SPAN	LOAD PER PILE
30	23.3 tons
32	25.3 tons
34	26.8 tons
36	28.0 tons
38	29.5 tons
40	31.2 tons

GENERAL NOTES:-
All dimensions to reinforcing are to bar centers.
All exposed surfaces to have "Rubbed Finish."
Quantities computed assuming use of 16' piling.
Cost of expansion material and tar paper to be included in price bid for other items.

Voise
12-20-45

STANDARD PLAN
REINFORCED CONCRETE PILE BENT
FOR R. C. D. G. SPANS
26'-0" CLEAR ROADWAY
TO BE USED WITH STANDARD PLAN 'C. G. 70-15

LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA. AUGUST 28 1939

DATE	DESCRIPTION	BY
5-11-40	ALL CORR TO CL. 1st	C.S.A.

DESIGNED BY: [Signature] CHECKED BY: [Signature] TRACED & REVISION: [Signature]
IN CHARGE OF: [Signature] BRIDGE DESIGNING ENGINEER

32' span Checked 8-28-39 - J.T.H.

C-5-166