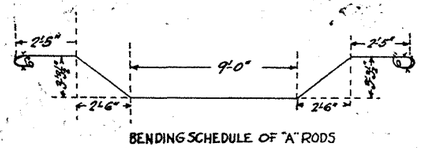
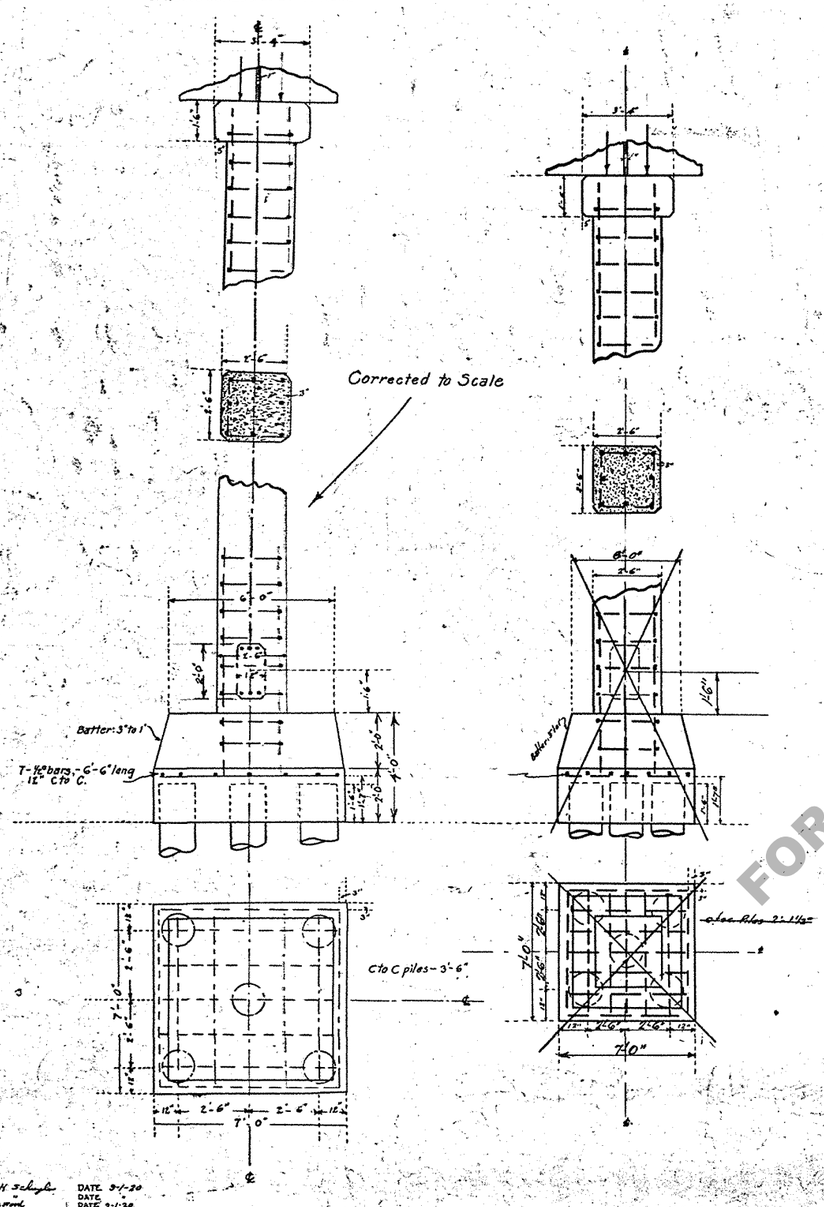
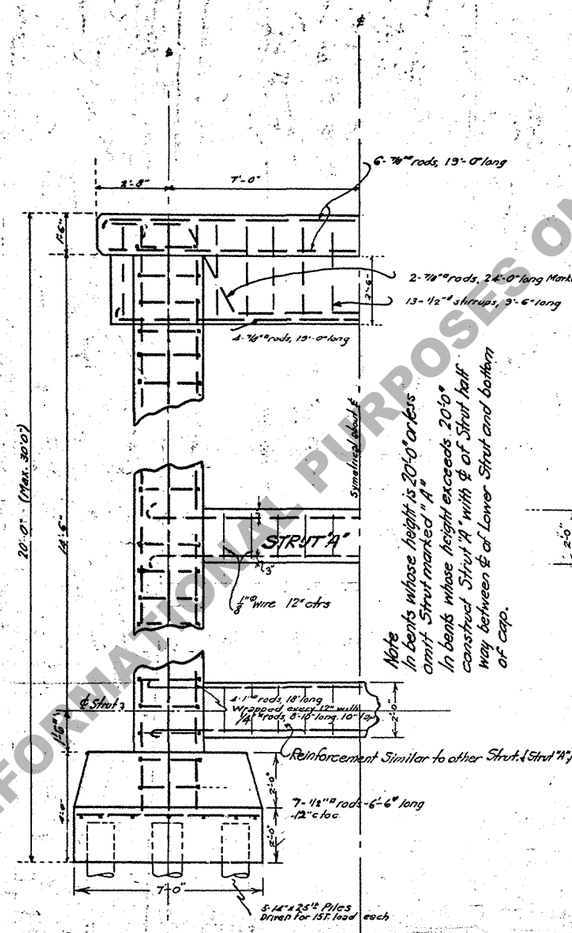
FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
6	LA		1919		

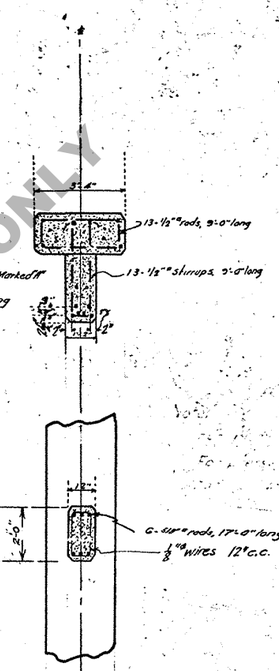


BENDING SCHEDULE OF "A" RODS





Note
In bents whose height is 20'-0" or less omit Strut marked "A"
In bents whose height exceeds 20'-0" construct Strut "A" with ℄ of Strut half way between ℄ of Lower Strut and bottom of cap.



BILL OF MATERIAL PER PIER OF TWO COLUMNS

STEEL REINFORCING

NO.	SIZE	LENGTH	WT PER FT	TOT WT
34	¼"	8'-10"	0.212	63
28	½"	6'-6"	0.85	182
13	½"	9'-0"	0.85	99
13	½" stirrups	9'-0"	0.85	99
6	⅞"	17'-0"	1.316	135
10	⅞"	19'-0"	2.603	497
2	⅞"	24'-0"	2.603	125
16	1"	18'-0"	3.400	978
TOTAL				2138#

CU. YDS. CONC. 28.8 (1:2:4)
LIN. FT. PILING 250 ±

NOTE:
For each additional foot in height over 20'
Add 21'-5" x 2'-5" = 0.46 cu. yds. 1:2:4 conc
1" ø bars for columns = 27#
2 - ½" ø rods, 8'-10" lg for Column Wrapping = 4#
Total per ft. = 31#

General Note:

Specifications - Louisiana State Highway Dept dated April, 1918.
Concrete: All concrete shall be of Class "A" Concrete
Reinforcement: All reinforcement shall be of the grade specified and deformed bars. Bars shall be bent cold.
Piles: All piles shall be of pine or oak, 14" at the large end and 8" at small end. Piles shall be driven to sustain a load of 15 Tons each.
Finish All concrete shall present a smooth neat surface free from honeycombs without the aid of plaster. Bridge seats shall be finished to a true surface by screeding and trowel finishing the surface.

PLAN OF

CONCRETE PIER WITH PILE FOOTING

Designed to Hold 2 Concrete Girder 30 ft. Spans - Plan B-2-9

HIGHWAY DEPARTMENT

~ BOARD OF STATE ENGINEERS OF LOUISIANA ~

Scale 3/16" = 1'-0" September 1, 1920

APPROVED: _____ STATE HIGHWAY ENGR.

DESIGNED BY P.H. Schuyler DATE 9-1-20
DRAWN BY " DATE "
TRACED BY A.E. Arnold DATE 9-1-20
CHECKED BY " DATE "

B-2-21